

**UNITED STATES AIR FORCE**  
**Installation Restoration Program**

**Final**  
**Interim Removal Action Completion Report**  
**for IRP Site 6**  
**Air Force Plant 42**  
**Palmdale, California**

**January 2006**

**Task Order 189 – Contract F41624-00-D-8021**

**Prepared for:**

**Restoration Branch, Acquisition Environmental**  
**Safety and Health (ASC/ENVR)**  
**Aeronautical Systems Center**  
**Wright-Patterson Air Force Base, Ohio**

**and**

**Air Force Center for Environmental Excellence (AFCEE)**  
**HQ AFCEE/ERD**  
**Brooks City-Base, Texas**

**Prepared by:**



**CH2MHILL**

**3 Hutton Centre Drive, Suite 200**  
**Santa Ana, California 92707**

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**CH2MHILL**

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Santa Ana, California 92707

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Bryant Wong  
Interim Removal Action Task Manager  
California Professional Engineer No. C33702

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# Abbreviations and Acronyms

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°C	degrees Celsius
AFCEE	Air Force Center for Environmental Excellence
AFP 42	Air Force Plant 42
AVAPCD	Antelope Valley Air Pollution Control District
bgs	below ground surface
COPC	chemicals of potential concern
DTSC	Department of Toxic Substances Control
ELCR	excess lifetime cancer risk
EM	electromagnetic
EPA	United States Environmental Protection Agency
GPR	ground-penetrating radar
HI	hazard index
IRP	Installation Restoration Program
MDL	method detection limit
mg/kg	milligram(s) per kilograms
msl	mean sea level
NAD	North American Datum
PID	photoionization detector
PCB	polychlorinated biphenyls
PPE	personal protective equipment
ppm	parts per million
QA/QC	quality assurance/quality control
QAPP	Quality Assurance Project Plan
RAW	Removal Action Workplan
RCRA	Resource Conservation and Recovery Act
RI	remedial investigation
RPD	relative percent deviation
RWQCB	Regional Water Quality Control Board

# 1 Introduction

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The Air Force contracted with CH2M HILL to perform an interim removal action at Installation Restoration Program (IRP) Site 6, Original Fire Training Circle, at Air Force Plant 42 (AFP 42), located in Palmdale, California. A remedial investigation (RI) was performed previously at Site 6 and is documented in the *Final Remedial Investigation Report for Operable Units 1, 2, 3, 4, and 5, Air Force Plant 42, Palmdale, California*, dated December 2003 (amended March 2004) (CH2M HILL, 2004a). Based on the results of the RI, an interim removal action was proposed for Site 6 in the *Final Removal Action Workplan for Interim Removal Actions at IRP Sites 4 and 6, Air Force Plant 42, Palmdale California*, dated December 2004 (CH2M HILL, 2004b).

This Interim Removal Action Completion Report describes the Site 6 removal action activities performed in February and March, 2005. The California Department of Toxic Substances Control (DTSC) is the lead regulatory agency for the removal action activities at Site 6. In addition, the Regional Water Quality Control Board (RWQCB), Lahontan Region, participates as a review agency for IRP activities at AFP 42.

## 1.1 Scope and Purpose of Report

This report addresses waste removal and confirmation sampling activities performed in February and March 2005 at Site 6. The purposes of this report are as follows.

- Document the removal action activities performed at Site 6.
- Present the methodology and laboratory analytical results for the confirmation sampling activities performed as part of the removal action.
- Compare confirmation sampling results to the target cleanup goals documented in the Removal Action Workplan (RAW).
- Provide conclusions regarding the effectiveness of the removal action activities completed.
- Present the planned remaining activities.

## 1.2 Report Organization

This removal action report is organized into the subsections described below.

- Section 1 – Introduction. This section describes the project background and site description, purpose of the removal action, and the organization of this updated interim completion report.
- Section 2 – Site Description and Environmental Setting. This section describes the physical description, historical use, and chemicals of interest for Site 6.

- Section 3 – Removal Action Activities at Site 6. This section summarizes the removal action activities performed at Site 6, including waste removal, waste management, confirmation soil sampling and results, and post-removal action field activities.
- Section 4 – Confirmation Soil Sample Results
- Section 5 – Conclusions and Recommendations
- Section 6 – References

Appendixes for this closure report are as follows.

- Appendix A – Presents the trench log for the excavation at Site 6.
- Appendix B – Contains copies of the waste manifests generated during the removal action at Site 6.
- Appendix C – Presents the laboratory analytical results summary forms for the confirmation soil sampling performed during the Site 6 removal action.

## **2 Site Description and Environmental Setting**

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This section describes the physical conditions, historical use, and chemicals of interest for Site 6.

### **2.1 Physical Description**

AFP 42 is located approximately 65 miles north of Los Angeles in the Antelope Valley region of Southern California as shown in Figure 2-1. The nearest communities are Palmdale, which is approximately 3 miles south of AFP 42, and Lancaster, which is approximately 5 miles north of AFP 42. AFP 42 encompasses approximately 5,832 acres (about 9.1 square miles). The AFP 42 layout is shown in Figure 2-2.

The physical description of Site 6 is presented below and includes information on site locations, current site uses, topography, drainage, and surface water, geology, and hydrogeology and groundwater use.

#### **2.1.1 Location**

Site 6, Original Fire Training Circle, is located in the south-central airfield portion of AFP 42, approximately 400 feet southeast of Runway 4-22 (Figure 2-2). Site 6 is situated within Plant Site 5, which is referred to as the "Common Areas." The site consists of an abandoned earth-lined burn pit approximately 60 feet in diameter (2,830 square feet; 0.06-acre) that was historically encircled by an earthen berm of unspecified height.

#### **2.1.2 Current Site Use**

Site 6 is currently uncapped, and there is no longer a berm around the site. The nearest occupied work facilities are Buildings 531, 600, 601, and 602 located approximately 400 to 1,000 feet east of the site. An aerial photograph showing the Site 6 area is provided in Figure 2-3.

#### **2.1.3 Topography, Drainage, and Surface Water**

No natural surface waters exist at Site 6. Stormwater drainage in the site vicinity is generally directed northward toward the northeasterly trending drainage ditch located on the south side of Runway 4-22. Water in the ditch either evaporates, percolates into the ground, or flows north to the AFP 42 stormwater ponds located along Avenue M (Figure 2-4).

#### **2.1.4 Geology**

Soil boring logs from previous investigations at Site 6 describe subsurface materials encountered as primarily sands interbedded with silty sands and lesser amounts of clay and gravel. A 5- to 10-foot-thick silty and/or clayey layer is found at approximately 5 feet below grade. Sediments encountered in the borings are representative of younger alluvial deposits (EA, 1992).

Fine sands, clays, silts, and gravelly sands were encountered to a depth of 10 feet below ground surface (bgs) during the 1997 shallow soil investigation. The 1998 deep soil investigation at Site 6 confirmed the findings of past investigations. Silty sand layers interbedded in approximately 20-foot intervals within well-graded sands were encountered, and silt was observed from 120 to 140 feet bgs; drilling ceased at 140 feet bgs during the 1998 deep soil investigation at Site 6 (CH2M HILL, 2004a).

### **2.1.5 Hydrogeology and Groundwater Use**

Municipal production wells near Site 6 include offsite (i.e., Los Angeles World Airports property) drinking water Well DWX-1, located 2,800 feet southeast of the site, and onsite drinking water Well DW7-1, located 3,000 feet west of the site (see Figure 2-2). The nearest groundwater monitoring wells, MW-1, MW-2, and MW-3, are located approximately 3,800 feet northwest of Site 6 at the former fire fighter training facility.

Based on water-level data from September 2002, the depth to groundwater at Site 6 is approximately 440 feet bgs, at an elevation of 2,085 feet above mean sea level (msl). The groundwater flow direction in the site area is approximately south-southwest.

### **2.1.6 Ecology**

The Site 6 area has been disturbed by past activities and is currently devoid of vegetation. Site 6 is located adjacent to active taxiways and runways and, therefore, is subject to routine noise from aircraft operations. As a result, there is a low likelihood that birds and animals would frequent the site area. No endangered, threatened, or rare plant or animal species were observed during the 1995 and 1996 endangered species surveys performed at AFP 42; therefore, none are expected to occur at Site 6 (Parsons, 1996).

## **2.2 Site History**

The site history for Site 6 is presented below and includes a discussion of site chronology and chemicals of interest.

### **2.2.1 Site 6 History**

Site 6, Original Fire Training Circle, was historically used to conduct fire department training activities between 1954 and 1959. During the operational period of Site 6, an estimated 1,100 gallons of commingled jet fuels (JP-4 and JP-7), gasoline, diesel, engine oils, hydraulic fluids, and unspecified solvents were brought to the area, released to the ground, and ignited on a weekly basis. Unspecified dry cleaning compounds from the City of Palmdale local dry cleaners were also reportedly burned at the site. Water was not reportedly applied to Site 6 prior to the release of wastes. The total volume of liquids applied to the site is estimated to be approximately 286,000 gallons (5 years x 52 weeks x 1,100 gallons). During each exercise, three burns were generally conducted. During larger training exercises, as much as 6,000 gallons of commingled wastes were applied (CH2M HILL, 1983).

## 2.2.2 Remedial Investigation Results

The RI at Site 6 indicated the presence of polychlorinated biphenyls (PCBs) and pesticides. The noncarcinogenic hazard indexes (HIs) were less than 1.0 for all exposure scenarios evaluated and, therefore, were considered acceptable by regulatory agencies.

Both the low-end and high-end excess lifetime cancer risk (ELCR) for all exposure scenarios evaluated exceed the  $1 \times 10^{-6}$  risk level ( $3.2 \times 10^{-6}$  to  $1.9 \times 10^{-5}$ ). Nearly all of this risk (89 to 93 percent) is attributed to the presence of Aroclor 1248, with most of the remaining risk contributed by dieldrin (4 percent) and aldrin (3 percent). Aroclor 1248 was detected in all three of the borings located within the training circle. Detections were limited to the shallow samples within the training circle; no PCBs were detected in the 9-foot-bgs samples or in the boring sampled outside the training circle. Based on these ELCR values, a removal action was recommended for Site 6. The deep soil investigation results indicate that there is a low potential threat to groundwater at Site 6.

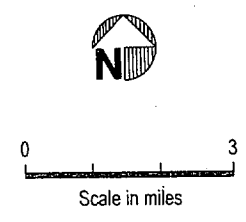
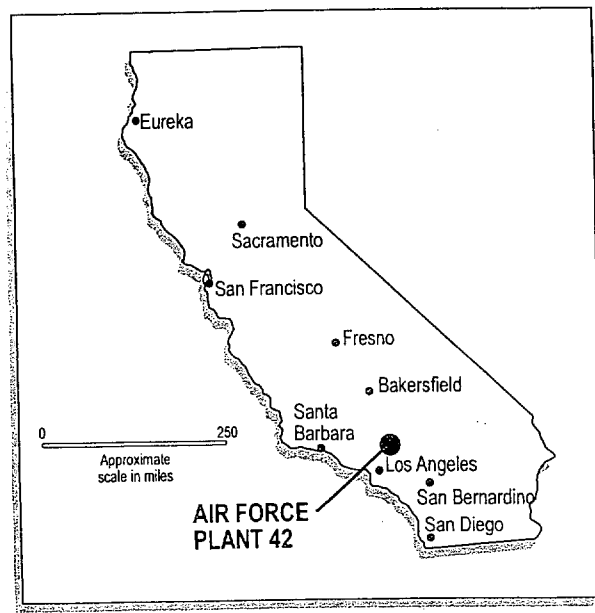
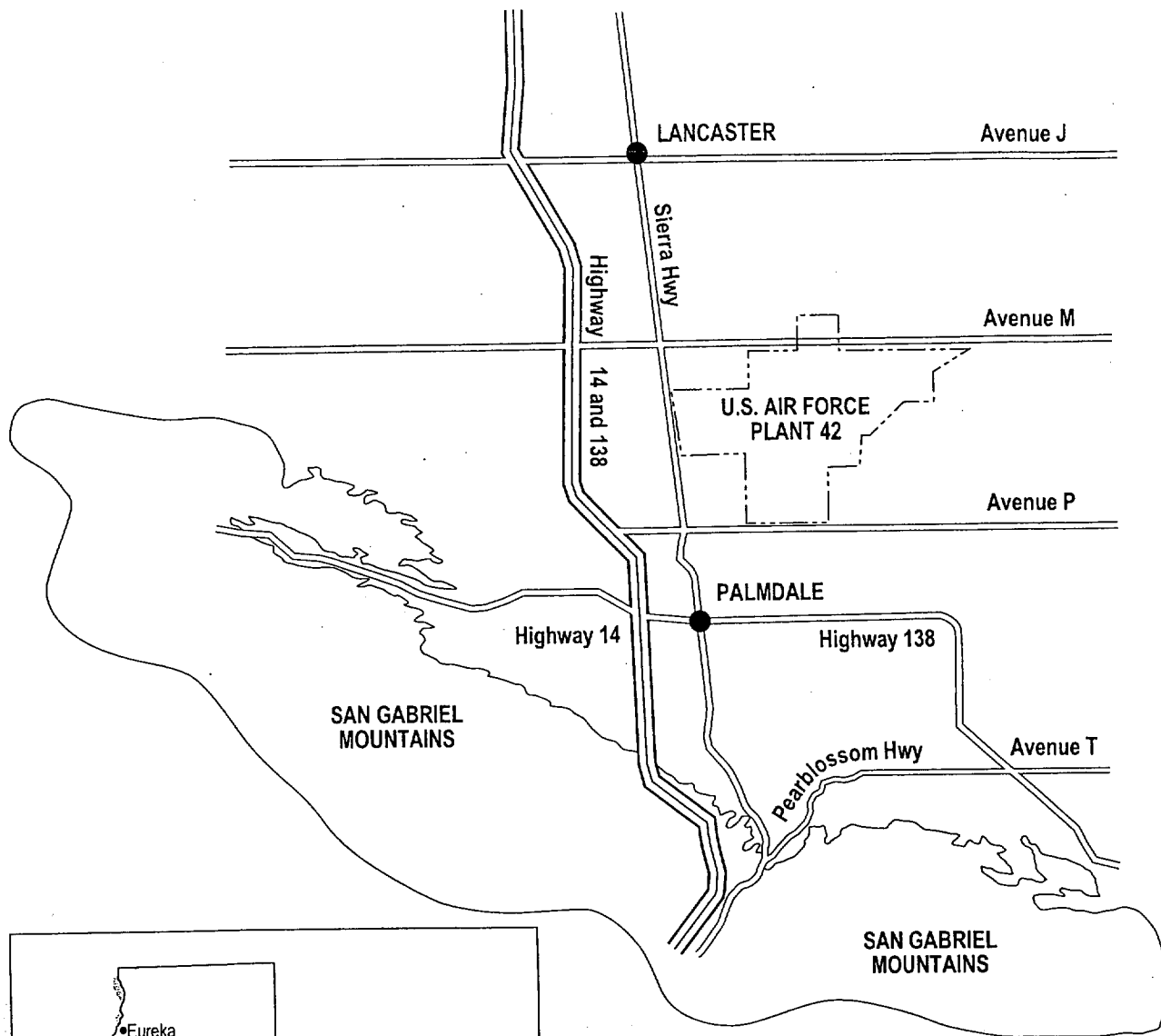
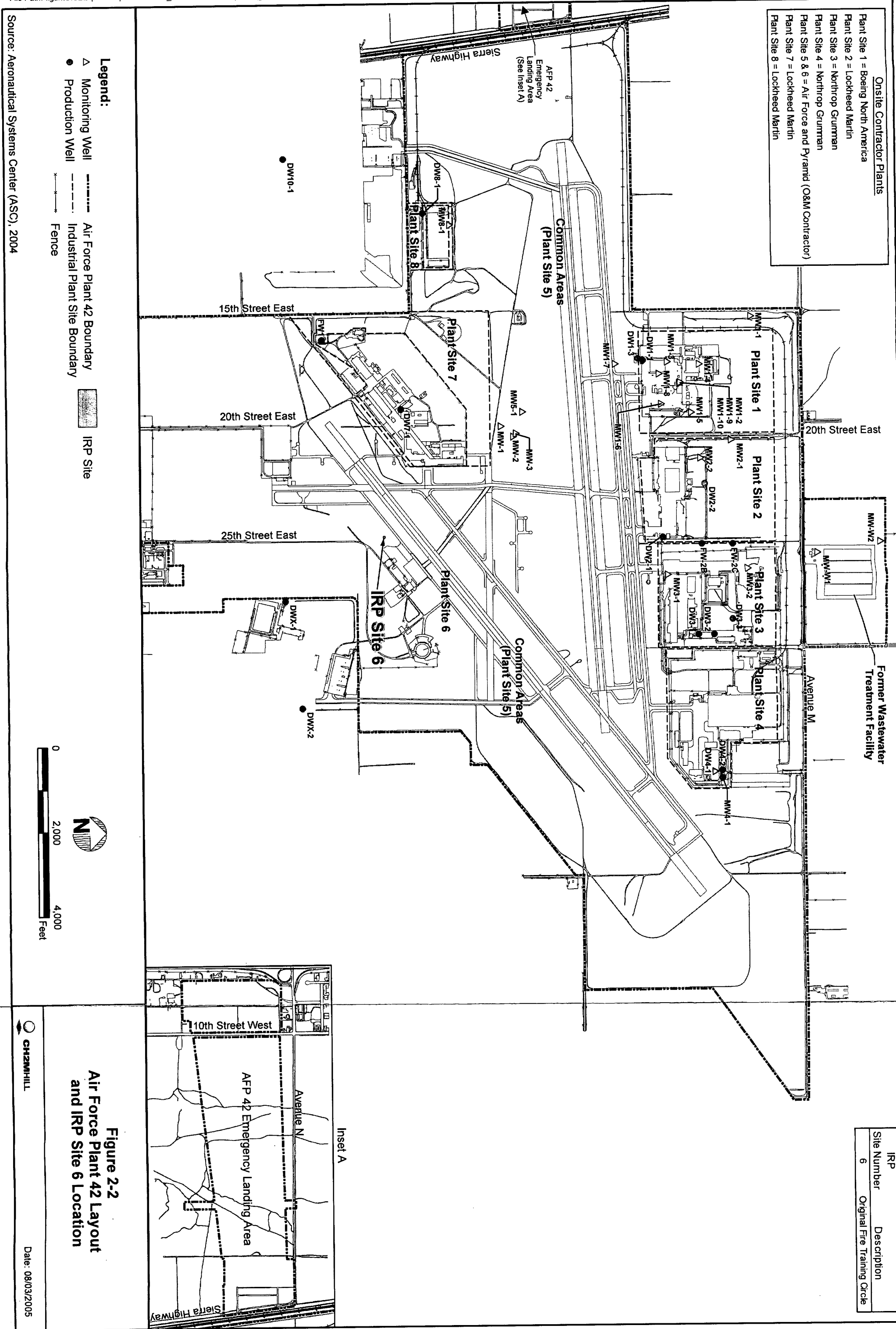
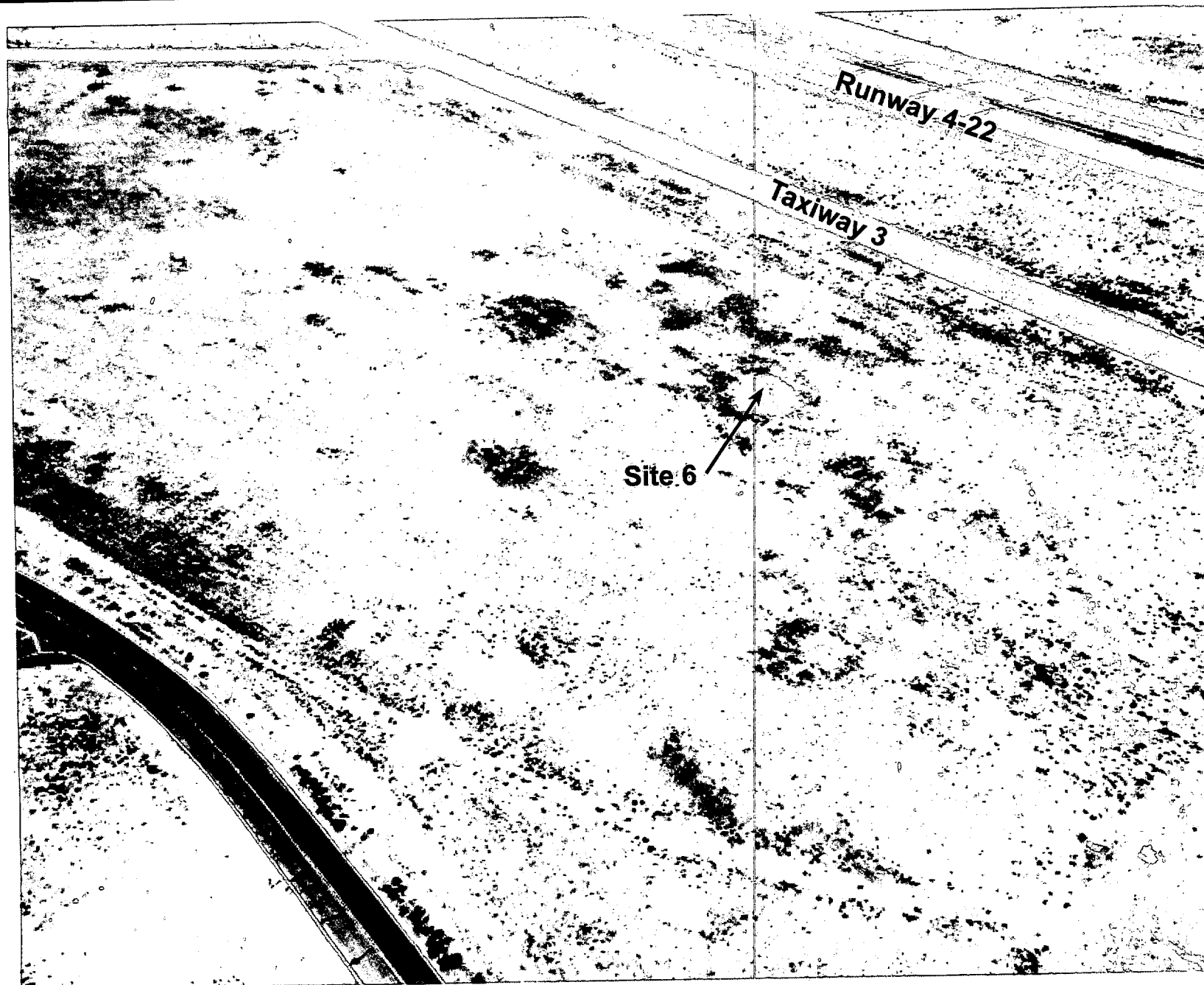


Figure 2-1  
Location Map  
AFP 42

CH2M HILL







Approximate  
North

Figure 2-3  
Aerial Photo View  
of Site 6  
AFP 42

Source: U.S. Army Corps of Engineers, October 1993

**CH2MHILL**

ONSITE CONTRACTOR PLANTS

- Plant Site 1 = Boeing North American
- Plant Site 2 = Lockheed Martin
- Plant Site 3 = Northrop Grumman
- Plant Site 4 = Northrop Grumman
- Plant Sites 5 & 6 = Air Force and Pyramid (O&M Contractor)
- Plant Site 7 = Lockheed Martin
- Plant Site 8 = Lockheed Martin

Location of Former Wastewater Treatment Facility

Stormwater Runoff Ponds

Avenue M

Plant Site 1

Plant Site 2

Plant Site 3

Plant Site 4

Runway 1-25

Runway 3-22

Common Areas (Plant Site 5)

Plant Site 8

Plant Site 7

Site 4

Common Areas (Plant Site 5)

Site 6

Plant Site 6

Lockheed Martin Aeronautics Company - Palmdale Plant 10

Sierra Highway

Avenue P

Palmdale Air Terminal

25th Street East

LEGEND:

Storm Drain with Surface Catchment Basins

Drainage Ditch



0 4000  
Approximate Scale in Feet  
1 inch = 2,000 feet

Figure 2-4  
Surface Runoff and  
Drainage System  
AFP 42

## **3 Removal Action Activities at Site 6**

---

This section describes the removal action activities performed at Site 6 from February 28 to March 7, 2005. The following sections describe the removal action activities in greater detail and are organized as follows.

- Section 3.1 - Site Preparation Activities
- Section 3.2 – Soil Excavation Activities
- Section 3.3 - Confirmation Sampling
- Section 3.4 – Post-Removal Action Activities
- Section 3.5 – Health and Safety
- Section 3.6 – Identification of Expanded Site 6 Area

### **3.1 Site Preparation Activities**

Prior to initiation of the soil excavation activities, CH2M HILL performed a site visit to mark the planned excavation area and potential subsurface utilities at the site. Site features were clearly marked using flagged wooden stakes.

An initial geophysical survey was performed in 1997 by Spectrum E.S.I. (San Fernando, California), a subcontractor to CH2M HILL for the RI. In preparation for the removal action activities, a second geophysical survey was performed by Geovision, Inc. (Corona, California) in February 2005.

The geophysical surveys were performed using electromagnetic (EM) ground conductivity and/or ground-penetrating radar (GPR) methods. No utilities or other subsurface anomalies were identified at Site 6.

CH2M HILL coordinated the onsite removal action activities with AFP 42 facility and security representatives during a preconstruction meeting held at AFP 42 on February 8, 2005. AFP 42 facility representatives provided approval for the planned removal action activities prior to field mobilization.

### **3.2 Excavation Activities**

Site 6 excavation activities were performed from February 28 through March 7, 2005. El Capitan Environmental Services, Inc. (Sun Valley, California) served as the general contractor for the removal action. All field activities were performed under direct oversight of a CH2M HILL field manager.

Airborne dust during the removal action was minimized by implementation of dust and vehicle site access control. A water trailer/spray gun or water truck was used to keep

surface soil wet to suppress dust generation. Field staff continuously monitored dust generation at the site to ensure compliance with Antelope Valley Air Pollution Control District (AVAPCD) regulations.

The excavation activities were performed from February 28 to March 4, 2005, using an excavator. A layer of charred, crusted surface soil was present at the top 2 to 6 inches at the excavation area. This layer appeared to have resulted from the historic onsite activities that involved burning of flammable liquids directly on the ground surface.

Beginning at approximately 2 feet bgs, grayish petroleum-stained soil was encountered. Petroleum odors were observed during excavation activities, and organic vapor measurements up to 85 parts per million (ppm) were measured directly from the excavated soil stockpile.

The excavation was continued laterally until no stained soil was visible along the sidewalls of the excavation. Grayish, petroleum-stained soil was present at the maximum excavation depth of approximately 13 feet bgs, which was reached in a portion of the southern excavation area. The excavation was not continued beyond 10.5 feet bgs in the remainder of the site because this depth is deeper than the shallow soil interval that is considered to pose a potential direct exposure threat to human receptors (e.g., trench workers). The initial excavation measured approximately 83 feet long by 67 feet wide by 10.5 to 13 feet deep. The southeastern approximate 20-foot by 20-foot portion of the excavation was somewhat shallower (approximately 6 feet deep). The total tonnage removed from the initial excavation was approximately 1,917 tons.

Confirmation soil samples were collected from the initial excavation from each of the sidewalls (four samples) and the excavation bottom (five samples). The sample collected along the initial northeast wall of the excavation contained an Aroclor 1248 concentration (11.55 milligrams per kilogram [mg/kg]) greater than the target cleanup goal (0.3 mg/kg). Based on the results of this sample, on March 3, 2005, an additional 5 lateral feet of soil (approximately 40 tons) was removed from the northeast excavation sidewall and the wall was resampled. The results for the final confirmation samples are discussed in Section 4.0.

During the removal action activities at Site 6, excavated soils were stockpiled onsite. The stockpiles were placed atop plastic sheeting and the piles were covered with plastic sheeting. Using a front-loader, the stockpiled soil was transferred to covered truck trailers for offsite transportation.

A total of approximately 1,957 tons of soil was removed from Site 6. The soil was disposed as California-hazardous waste (i.e., non-Resource Conservation and Recovery Act [RCRA] waste) at the Chemical Waste Management Facility in Kettleman City, California.

### 3.3 Confirmation Sampling

Following completion of the excavation activities at Site 6, confirmation soil samples were collected to demonstrate that cleanup goals had been achieved. The confirmation sampling locations are shown in Figure 3-1.

The samples were collected directly from the surface soil using a drive sampler fitted with a stainless steel sleeve. Immediately following sample collection, the stainless steel sleeves

were capped on both ends with Teflon™ sheeting and plastic end caps. The stainless steel sleeves then were affixed with a completed sample label, placed in a resealable plastic bag, and put in an iced cooler maintained at a temperature less than 4 degrees Celsius (°C). The sample number, location, and depth were recorded in the field logbook.

Samples were sent by overnight mail to Columbia Analytical Laboratory in Redding, California, for quick turnaround results. Samples were analyzed for pesticides, including aldrin and dieldrin, by EPA Method 8081 and PCBs, including Aroclor 1248, by EPA Method 8082.

## **3.4 Post-Removal Action Activities**

### **3.4.1 Backfill**

Following the completion of the removal and sampling activities at Site 6, the excavation was backfilled with approximately 2,186 tons of certified, clean fill. The clean fill was supplied by Service Rock Products, Palmdale, California.

### **3.4.2 Dried Paint Removal**

An area of dried paint was located on the surface soil adjacent to the Site 6 excavation area (Figure 3-2). Following the removal action at the Site 6 Original Fire Training Circle location, the area of dried paint was removed using a skip loader. The dried paint extended below the ground surface to approximately 1 to 3 inches below grade. Approximately 18 tons of paint mixed with soil was loaded into a closed-top, 15-yard roll-off bin and transported offsite. The paint and soil was disposed as California-hazardous waste (i.e., non-RCRA waste) at the Chemical Waste Management Facility in Kettleman City, California.

### **3.4.3 Surveying**

Upon completion of removal action activities, California-licensed surveyors surveyed the confirmation sample locations and the extent of the excavation areas. Norris-Repke Surveying, Inc. (Santa Ana, California) performed the surveying activities on August 9, 2005. The coordinates derived from the surveys are based on monuments located within AFP 42 and are on the California State Plane Coordinate System, Zone VII, North American Datum 83. Target locations were surveyed in the horizontal plane to an accuracy of 0.1-foot. The depths of these excavation areas are based on field measurements collected by CH2M HILL field staff.

### **3.4.4 Waste Management**

As described in Section 3.2, removal action wastes consisted of excavated soil and dried paint debris classified as California-hazardous waste. El Capitan Environmental Services, Inc. managed the removal action waste transportation and disposal. Transportation routes for waste haulers were followed as presented in the RAW (CH2M HILL, 2004b). The California Uniform Manifest form provided by the waste hauler was used for transporting the wastes. A representative from Pyramid Services, Inc. (AFP 42 onsite facility operations and maintenance contractor) signed the waste manifests that accompanied the wastes to the designated disposal facility. The disposal facility provided certified weight tickets for each

load showing the net weight of material disposed. The waste manifests for the Site 6 removal action are provided in Appendix B.

### 3.5 Health and Safety

A health and safety plan was developed, prior to the removal action and confirmation sampling activities, to protect workers during field activities. The plan addressed potential hazards posed by the contaminated soil, worker safety near heavy equipment, and general site conditions. The site-specific worker health and safety plan included a description of tasks (i.e., soil excavation and soil sampling activities), presented chemicals of concern, identified personal protective equipment specifications, and provided air monitoring specifications. Subcontractors were required to implement similar health and safety programs designed to protect their workers from job-specific hazards.

The removal action activities were performed in Level D personal protective equipment. Dust suppression activities were found effective in controlling airborne particulates. A dust monitor was used during excavation activities to monitor worker breathing zones for particulate matter. The worker breathing zone was also monitored for organic vapors using a photoionization detector (PID) during the removal action and confirmation sampling field activities. The organic vapor levels measured in the worker breathing zone did not warrant any personal protective equipment (PPE) upgrades (i.e., organic vapor levels did not exceed 1.0 ppm).

### 3.6 Identification of Expanded Site 6 Area

Following the Site 6 removal action activities, additional areas of potential concern were identified in the vicinity of the Site 6 excavation. Areas with black, stained surface soil approximately 2 to 6 inches deep were observed in the vicinity of Site 6. A preliminary evaluation of the dimensions of the stained soil areas was made based on visual observations of stained soil noted during the Site 6 removal activities. Figure 3-2 shows the approximate extent of the stained soil areas. Several areas of scattered paint chips along the ground surface were also identified in the vicinity of Site 6. It is not known whether these features are related to the historic fire fighter training activities at Site 6. However, given their proximity to Site 6, additional investigation will be performed at these areas as part of a supplemental Site 6 RI.









## 4 Confirmation Soil Sample Results

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This section presents a summary of the confirmation soil sampling results for the Site 6 removal action. It contains the following information:

- Section 4.1 – Target Cleanup Goals
- Section 4.2 – Summary of Sampling Results
- Section 4.3 – Laboratory Quality Assurance/Quality Control (QA/QC) Summary and Results
- Section 4.4 – Cleanup Goal Evaluation

### 4.1 Target Cleanup Goal

This section discusses the cleanup goals selected to assess the effectiveness of the removal action performed at Site 6. An evaluation of the achievement of the cleanup goals is included in Section 4.4. The DTSC-approved RAW identified the following target cleanup goals for occupational workers:

- Aldrin: 0.09 mg/kg
- Dieldrin: 0.10 mg/kg
- Aroclor 1248: 0.3 mg/kg

Additionally, a target cleanup goal specific to the trench worker scenario was calculated for Aroclor 1248. The target cleanup goal for Aroclor 1248 is 8.91 mg/kg for the trench worker scenarios. The target cleanup goals were established based on human health risk values of  $1 \times 10^{-6}$ , as described in the RAW.

### 4.2 Summary of Sampling Results

The laboratory analytical results for the confirmation soil samples are summarized in Tables 4-1 (pesticides) and 4-2 (PCBs). Dieldrin was not detected in any of the nine confirmation samples. Trace concentrations of aldrin (below Air Force Center for Environmental Excellence [AFCEE] reporting limits) were detected at three excavation bottom sample locations; all concentrations were less than the target cleanup goal.

Aroclor 1248 was detected above the target cleanup goal (0.3 mg/kg) at one confirmation sample location, sample location E-1, in the northeast quadrant of the excavation bottom at a concentration of 0.948 mg/kg. No additional soil removal was performed at the excavation bottom because the excavation depth (10.5 feet bgs) is deeper than the shallow soil interval that an occupational or security/maintenance worker would come in contact with. The only type of industrial worker category to potentially come in contact with soil at this depth is a potential future trench worker. The Aroclor 1248 concentration (0.948 mg/kg) is less than the target cleanup goal for trench workers (8.91 mg/kg).

### 4.3 Laboratory QA/QC Summary and Results

Site 6 confirmation samples were analyzed for pesticides and PCBs. Analytical methodology and associated quality control procedures, levels of effort (frequency of quality control measurements), acceptance limits, corrective action requirements, and documentation have been detailed in the project Quality Assurance Project Plan (QAPP) (CH2M HILL, 2004b). Also detailed in the QAPP are the data review methodology and overall QA/QC procedures for the data-generation cycle.

QA/QC reviews of the analytical data were performed as specified in the QAPP. The findings are detailed in batch/parameter-specific data validation reports covering all individual site samples (presented in a separate Analytical Data Informal Technical Information Report). An overview of the QA/QC review activities and findings is provided below. Columbia Analytical Services in Redding, California, performed the laboratory analyses.

All laboratory data have been evaluated by project chemists independent of the laboratories. The purpose of the review was to ensure conformance to analytical and QC specifications in the project QAPP and AFCEE QAPP. The reviews addressed all QC data specified in the project QAPP. The QC data were reviewed for conformance to procedures, level of effort (i.e., frequency of runs), quantitative acceptance limits, and corrective action requirements. These reviews have been detailed in sample- and analyte-specific validation reports. Following is an overview of the findings.

- The analytical laboratories established method detection limits (MDLs) prior to the start of work per Title 40, Part 136, Appendix C, of the *Code of Federal Regulations* to ensure that all laboratory-specific limits met project needs. All the reported detection limits were in alignment with project-specific needs as listed in the project QAPP.
- Data completeness as defined in the project QAPP is a measure of percentage of valid data obtained from the analytical measurements; validity is assessed by the QAPP criteria. Data completeness was determined to be above 95 percent at large, and, therefore, meets project needs.
- Per project sampling and QAPP plans, field QC samples were collected at the defined frequencies on a site-specific basis (CH2M HILL, 2004b). Thus, the results of these field QC samples were applied to the corresponding site samples to assess overall precision, accuracy, and representativeness. Field QC data (expressed as relative percent deviation [RPD] for duplicate measurements, as field blank sample concentrations, and as percent recoveries) have been used to qualify data usage and are summarized below.
  - The observed range for RPDs for field duplicate sample results is below 50 percent, the guideline limit used for soils.
  - Field blank measurements did not show detections above the reporting limits.

Onsite audits of the laboratories were carried out in conjunction with previous AFP 42 tasks for the same laboratory that performed the analyses for this task (Columbia Analytical Services in Redding, California).

## 4.4 Cleanup Goal Evaluation

Residual aldrin and dieldrin concentrations at the Site 6 excavation did not exceed the target cleanup goals defined in Section 4.1. Aroclor 1248 concentrations (nondetect to 0.948 mg/kg) were less than the target cleanup goal (0.3 mg/kg) in eight of the nine confirmation soil samples. One confirmation soil sample (06SFE1501) contained Aroclor 1248 at a concentration of 0.948 mg/kg, which is greater than the occupational worker target cleanup goal of 0.3 mg/kg. However, this sample was collected at the excavation bottom at a depth of approximately 10.5 feet bgs. The only type of industrial worker that could potentially come in contact with soil at 10.5 feet bgs is a potential future trench worker. For a potential future trench worker, the Aroclor 1248 target cleanup goal is 8.91 mg/kg.

**Table 4-1**  
**Pesticides Detected in Shallow Soil Samples at Site 6**  
**Air Force Plant 42**  
**(Concentrations expressed in mg/kg)**

Sample ID	Sample Type	Location	Depth (ft bgs)	Aldrin	Q	Dieldrin	Q
<b>AFCEE Standard Reporting Limits</b>				<b>0.004</b>	<b>--</b>	<b>0.004</b>	<b>--</b>
<b>Target Cleanup Goal</b>				<b>0.09</b>	<b>--</b>	<b>0.10</b>	<b>--</b>
06SFE1501	N	excavation bottom - NE quadrant	10.5	0.0002	M	0.0002	U
06SFE2001	N	excavation bottom - NW quadrant	10.5	0.0003	F	0.0002	U
06SFE2101	FD	excavation bottom - NW quadrant	10.5	0.0004	F	0.0002	U
06SFE3001	N	excavation bottom - SE quadrant	10.5	0.0002	U	0.0002	U
06SFE4001	N	excavation bottom - SW quadrant	10.5	0.0004	F	0.0002	U
06SFE5001	N	W excavation sidewall	6	0.0002	U	0.0002	U
06SFE6001	N	NW excavation sidewall	6	0.0002	U	0.0002	U
06SFE7001	N	NE excavation sidewall	6	0.0027	U	0.0021	U
06SFE8001	N	S excavation sidewall	6	0.0002	U	0.0002	U
06SFE9001	N	shallow SE excavation bottom	6	0.0002	U	0.0002	U

**Notes:**

Shaded cells indicate compounds detected above target cleanup goals.

ft bgs - feet below ground surface

mg/kg - milligrams per kilogram

N - normal sample

FD - field duplicate sample

**Data Qualifiers (Q):**

U - not detected

F - The analyte was positively identified, but the associated numerical value is below the reporting limit.

M - A matrix effect was present.

**Table 4-2**  
**PCBs Detected in Confirmation Samples at Site 6**  
**Air Force Plant 42**  
**(Concentrations expressed in mg/kg)**

Sample ID	Sample Type	Depth (ft bgs)	Location	Aroclor 1248	Q
<b>AFCEE Standard Reporting Limits</b>				<b>0.50</b>	<b>--</b>
<b>Target Cleanup Goal</b>				<b>0.30</b>	<b>--</b>
06SFE1501	N	11	excavation bottom - NE quadrant	0.948	
06SFE2001	N	11	excavation bottom - NW quadrant	0.001	U
06SFE2101	FD	11	excavation bottom - NW quadrant	0.001	U
06SFE3001	N	11	excavation bottom - SE quadrant	0.001	U
06SFE4001	N	11	excavation bottom - SW quadrant	0.001	U
06SFE9001	N	6	shallow SE excavation bottom	0.001	U
06SFE5001	N	6	W excavation sidewall	0.001	U
06SFE6001	N	6	NW excavation sidewall	0.001	U
06SFE7002	N	6	Final NE excavation sidewall	0.077	
06SFE8001	N	6	S excavation sidewall	0.001	U

**Notes:**

Shaded cells indicate compounds detected above target cleanup goals.

ft bgs - feet below ground surface

mg/kg - milligrams per kilogram

N - normal sample

FD - field duplicate sample

**Data Qualifiers (Q):**

U - not detected

F - The analyte was positively identified, but the associated numerical value is below the reporting limit.

M - A matrix effect was present.

## 5 Conclusions and Recommendations

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This section presents the conclusions regarding the performance of the removal action and describes the remaining activities at Site 6.

### 5.1 Removal Action Results at Site 6

Soil removal and disposal activities were performed at an area in Site 6 of elevated concentrations of pesticide and PCB. Approximately 1,957 tons of soil were removed. Confirmation soil sampling was performed at the excavation bottom and sidewalls following the soil removal activities. The target cleanup goals for aldrin and dieldrin were achieved in all confirmation soil samples. Aroclor 1248 was detected above the occupational worker target cleanup goal in one of nine samples, at the excavation bottom in the northeast portion of the excavation. The only type of industrial worker that could potentially come in contact with soil at 10.5 feet bgs is a potential future trench worker. For a potential future trench worker, the Aroclor 1248 target cleanup goal is 8.91 mg/kg, which is greater than the maximum Aroclor 1248 concentration (0.948 mg/kg) detected. Additionally, during the RI at Site 6, Aroclor 1248 was not detected in any of the four 9 feet bgs sample locations. Therefore, the extent of residual PCBs in soil at Site 6 is considered limited to a very small area.

In addition to the removal action at Site 6, an area of dried paint adjacent to the Site 6 excavation was also removed as a housekeeping measure. Approximately 18 tons of dried paint and underlying soil was removed and disposed offsite.

### 5.2 Remaining Activities at Site 6

Additional areas of potential concern were identified in the vicinity of the Site 6 excavation during the removal action activities. The newly identified features included areas with black-stained surface soil, and several additional areas of scattered paint chips. It is not known whether these features are associated with the historic fire fighter training activities at Site 6. However, given their proximity to Site 6, an additional investigation will be performed at these areas as part of a supplemental Site 6 RI.

## 6 References

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CH2M HILL. 1983. *Installation Restoration Program, Records Search, Phase I/Stage 1 for Air Force Plant 42, California.*

\_\_\_\_\_. 2004a. *Final Remedial Investigation Report for Operable Units 1, 2, 3, 4, and 5, Air Force Plant 42, Palmdale, California.* Original date December 2003. Amended March.

\_\_\_\_\_. 2004b. *Final Removal Action Workplan for the Interim Removal Actions at IRP Sites 4 and 6, Air Force Plant 42, Palmdale, California.*

Engineering-Science, Inc. 1987. *Installation Restoration Program Phase II – Confirmation/Quantification Stage 1, Final Report, Volumes I and II, U.S. Air Force Plant No. 42, Palmdale, California.*

Parsons Engineering Science. 1996. *Endangered Species Survey, Air Force Plant 42, Final Installation Report.* June.

## Appendix A

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### Trench Logs



**CH2MHILL**

PROJECT NUMBER

171230.02.13.91

BORING NUMBER

Site 6-Trench-1

SHEET 1 OF 1

**TRENCH LOG**

PROJECT : Air Force Plant 42

LOCATION : Site 6

ELEVATION : N/A

DRILLING CONTRACTOR : El Capitan Environmental Services, Inc.

TRENCHING METHOD: Excavator

WATER LEVEL : N/A

START : February 28, 2005

END : March 4, 2005

LOGGER : K. Waite

TRENCH DIMENSIONS (in feet): Length: 83

Width: 67

Depth: 10.5

DEPTH BELOW SURFACE (FT)				STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS DEPTH OF CASING, DRILLING RATE, TESTS, INSTRUMENTATION, SAMPLE ID, AND ORGANIC VAPOR READING (PID)
INTERVAL (FT)	RECOVERY (FT)					
	NUMBER AND TYPE					
0						
2	X	N/A	N/A	N/A	SILTY SAND (SM), yellowish brown (10YR 5/6), trace very coarse sand, dry, slightly hard.	Petroleum staining. Petroleum odor.
4	X	N/A	N/A	N/A	SAND (SP), yellowish brown (10YR 5/6), very fine to fine grained sand, trace very coarse sand and quartz grains, dry, slightly hard.	Petroleum staining. Petroleum odor.
6	X	N/A	N/A	N/A	SILTY SAND (SM), brownish yellow (10YR 6/6), very fine sand, trace quartz grains, dry, slightly hard.	Petroleum staining. Petroleum odor.
8	X	N/A	N/A	N/A	SAND (SP), yellowish brown (10YR 5/6), fine to medium grained sand, dry, loose.	Petroleum staining. Petroleum odor.
10	X	N/A	N/A	N/A	SAND (SP), dark yellowish brown (10YR 4/4), medium to very coarse grained sand, dry, slightly hard.	Petroleum staining. Petroleum odor.

## **Appendix B**

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### **Waste Manifests**

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address PYRAMID SERVICES INC. - AIR FORCE PLANT #42 2501 EAST AVENUE 'B' PALMDALE, CA 93550		4. Generator's Phone (661) 272-5720		A. State/Manifest Document Number 24033057	
5. Transporter 1 Company Name LCH Consulting		6. US EPA ID Number 10AD793323770		B. State/Generator's ID	
7. Transporter 2 Company Name		8. US EPA ID Number		C. State/Transporter's ID (Reserved)	
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT-KIE 35251 OLD SKYLINE ROAD KETTLEMAN CITY, CA 93239		10. US EPA ID Number CAIT000646117		D. Transporter's Phone 8005005725	
				E. State/Transporter's ID (Reserved)	
				F. Transporter's Phone	
				G. State/Facility's ID	
				H. Facility's Phone (559) 386-9711	
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. NON-RCRA HAZARDOUS WASTE SOLID (LEAD)		001	OT	0001.9	Y
b.					
c.					
d.					
1. Additional Descriptions for Materials Listed Above a. FUEL TANKS SOIL WITH LEAD		K. Handling Codes for Wastes Listed Above			
		a.		b.	
		c.		d.	
15. Special Handling Instructions and Additional Information a) IN CASE OF EMERGENCY CALL 1-800-424-9300  SITE: SAME AS ABOVE ( FORMER BURN PIT) WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING 9A71641					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name P. J. J.		Signature [Signature]		Month Day Year 12/1/99	
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed/Typed Name Harold Delgado		Signature [Signature]	
		Month Day Year 12/1/99			
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed/Typed Name		Signature	
		Month Day Year			
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name		Signature		Month Day Year	

DO NOT WRITE BELOW THIS LINE.

**UNIFORM HAZARDOUS  
WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1

Information in the shaded areas  
is not required by Federal law.

3. Generator's Name and Mailing Address

PYRAMID SERVICES INC. - AIR FORCE PLANT #42  
2501 EAST AVENUE "P"  
PALMDALE CA 93550  
4. Generator's Phone (561) 272-6720

A. State Manifest Document Number

24033055

B. State Generator's ID

C. State Transporter's ID [Reserved]

D. Transporter's Phone

E. State Transporter's ID [Reserved]

F. Transporter's Phone

9. Designated Facility Name and Site Address

CHEMICAL WASTE MANAGEMENT-XHF  
35251 OLD SKYLINE ROAD  
KETTLEMAN CITY, CA 95239

10. US EPA ID Number

CAT0000646117

G. State Facility's ID

H. Facility's Phone

(559) 386-8711

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)

a. NON-RCRA HAZARDOUS WASTE SOLID (LEAD)

12. Containers

No. Type

13. Total

Quantity

14. Unit

Wt/Vol

1. Waste Number

State

EPA/Other

W/A

State

EPA/Other

State

EPA/Other

State

EPA/Other

J. Additional Descriptions for Materials Listed Above

a. PROFILES 6311 SOIL WITH LEAD

K. Handling Codes for Wastes Listed Above

a.

b.

c.

d.

15. Special Handling Instructions and Additional Information

3) IN CASE OF EMERGENCY CALL 1-800-424-9300

SITE: SAME AS ABOVE ( FORMER BURN PIT)

WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

Pat Gorman

Signature

[Signature]

Month

Day

Year

03/03/05

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Daniel Gorman

Signature

[Signature]

Month

Day

Year

02/03/05

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month

Day

Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month

Day

Year

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CAE0000143400	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address AIR FORCE PLANT #42 2501 EAST AVENUE 'F' PALMDALE, CA 93550			A. State Manifest Document Number 24033056		
4. Generator's Phone (661) 270-6720			B. State Generator's ID		
5. Transporter 1 Company Name W. B. R. & Sons		6. US EPA ID Number CAE0000174470		C. State Transporter's ID [Reserved.]	
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone (262) 943-7726	
				E. State Transporter's ID [Reserved.]	
				F. Transporter's Phone	
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT UNIT 35251 OLD SKYLINE ROAD KETTLEMAN CITY, CA 93239		10. US EPA ID Number CAE0000040011		G. State Facility's ID	
				H. Facility's Phone (559) 386-9711	
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No. Type		13. Total Quantity	14. Unit Wt/Vol
a. HUE-RUMA HAZARDOUS WASTE SOLID (LEAD)		001 DT 0001R		Y	
					I. Waste Number: State 611 EPA/Other N/A
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other
J. Additional Descriptions for Materials Listed Above a. PROFILE 6313 SOIL WITH LEAD		K. Handling Codes for Wastes Listed Above a. b. c. d.			
15. Special Handling Instructions and Additional Information a) IN CASE OF EMERGENCY CALL 1-800-424-9300  SITE: SAME AS ABOVE ( FORMER BURN PIT) WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment. OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name P. J. Sullivan		Signature P. J. Sullivan		Month Day Year 4/3/05	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name James Lopez R.		Signature James Lopez R.		Month Day Year 04/03/05	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name		Signature		Month Day Year	

DO NOT WRITE BELOW THIS LINE.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CA 10000143486	Manifest Document No.		2. Page 1 of 1	Information in the shaded areas is not required by Federal law.		
3. Generator's Name and Mailing Address PACIFIC SERVICES INC. - AIR FORCE PLANT #42 2501 EAST AVENUE 10 PALMDALE, CA 93550					A. State Manifest Document Number 24033058			
4. Generator's Phone (661) 272-6720					B. State Generator's ID			
5. Transporter 1 Company Name SANCHEZ TRUCKING					C. State Transporter's ID [Reserved]			
6. US EPA ID Number CA 10000045881					D. Transporter's Phone 323-595-2456			
7. Transporter 2 Company Name					E. State Transporter's ID [Reserved]			
8. US EPA ID Number					F. Transporter's Phone			
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT INC 38251 OLD SKYLINE ROAD RENTLEMAN CITY, CA 93239					G. State Facility's ID			
10. US EPA ID Number CA 10000565117					H. Facility's Phone (559) 286-9711			
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)					12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol	1. Waste Number
a. NON-FLAM HAZARDOUS WASTE SOLID (CLEAN)					0 0 1 D T 0 0 0 1 0	Y		State 611 EPA/Other N/A
b.								State EPA/Other
c.								State EPA/Other
d.								State EPA/Other
J. Additional Descriptions for Materials Listed Above 1. FROM 11/28/03 TO 12/1/03 WITH LEAD					K. Handling Codes for Wastes Listed Above			
					a. b.			
					c. d.			
15. Special Handling Instructions and Additional Information a. IN CASE OF EMERGENCY CALL 1-800-424-9300  SITE: SAME AS ABOVE ( FORMER BURN PIT) WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING								
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.								
Printed/Typed Name Ed Sanchez			Signature [Signature]			Month Day Year 03/01/05		
17. Transporter 1 Acknowledgement of Receipt of Materials								
Printed/Typed Name Jose A. Lopez			Signature [Signature]			Month Day Year 03/03/05		
18. Transporter 2 Acknowledgement of Receipt of Materials								
Printed/Typed Name			Signature			Month Day Year		
19. Discrepancy Indication Space								
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.								
Printed/Typed Name			Signature			Month Day Year		

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR  
TRANSPORTER  
FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address <b>PYRAMID SERVICES INC. - AIR FORCE PLANT #42</b> <b>2501 EAST AVENUE 'P'</b> <b>PALMDALE, CA 93550</b>			A. State Manifest Document Number <b>24032911</b>		
4. Generator's Phone (661) 272-6720			B. State Generator's ID		
5. Transporter 1 Company Name <b>ZAMIA TRUCKING</b>			6. US EPA ID Number		
7. Transporter 2 Company Name			8. US EPA ID Number		
9. Designated Facility Name and Site Address <b>CHEMICAL WASTE MANAGEMENT-KHF</b> <b>35251 OLD SKYLINE ROAD</b> <b>KETTLEMAN CITY, CA 93239</b>			10. US EPA ID Number		
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) a. <b>NON-REPA HAZARDOUS WASTE SOLID (LEAD)</b>			12. Containers No. <b>001</b>	Type <b>DT</b>	13. Total Quantity <b>00018</b>
					14. Unit Wt/Vol <b>Y</b>
					15. Waste Number State <b>611</b>
					EPA/Other <b>N/A</b>
					State
					EPA/Other
					State
					EPA/Other
					State
					EPA/Other
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.			K. Handling Codes for Wastes Listed Above a. b. c. d.		
19. Special Handling Instructions and Additional Information 1-800-424-9300  <b>SITE: SAME AS ABOVE ( FORMER BURN PIT)</b> <b>WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING</b>					
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name <b>Edgar E. Carola</b>			Signature <b>[Signature]</b> Month <b>01</b> Day <b>20</b> Year <b>10</b>		
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name			Signature Month Day Year		
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name Signature Month Day Year					

DO NOT WRITE BELOW THIS LINE.

**UNIFORM HAZARDOUS  
WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1

Information in the shaded areas  
is not required by Federal law.

CAL0000143486

of 1

3. Generator's Name and Mailing Address

ETRAMID SERVICES INC. - AIR FORCE PLANT #42  
2501 EAST AVENUE 'D'  
PALMDALE, CA 93550

4. Generator's Phone (661) 272-6720

A. State Manifest Document Number

24032912

B. State Generator's ID

C. State Transporter's ID (Reserved)

D. Transporter's Phone

E. State Transporter's ID (Reserved)

F. Transporter's Phone

G. State Facility's ID

H. Facility's Phone

(559) 386-9711

9. Designated Facility Name and Site Address

CHEMICAL WASTE MANAGEMENT-KHE  
35261 OLD SKYLINE ROAD  
KETTERMAN CITY, CA 93239

10. US EPA ID Number

CAT0000646117

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers

No.

Type

13. Total

Quantity

14. Unit

Wt/Vol

15. Waste Number

a. NON-FLAMMABLE HAZARDOUS WASTE SOLID (LEAD)

001 DOT 6018

Y

State

611

EPA/Other

N/A

b.

State

EPA/Other

c.

State

EPA/Other

d.

State

EPA/Other

1. Additional Descriptions for Materials Listed Above

1. FURNACE EFFLUENT - SOLID WITH LEAD

K. Handling Codes for Wastes Listed Above

a.

b.

c.

d.

15. Special Handling Instructions and Additional Information

1. IF IN CASE OF EMERGENCY CALL 1-800-424-9300

SITE: SAME AS ABOVE (FORMER BURN PIT)

WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

Edi Seckman

Signature

[Signature]

Month

Day

Year

03/01/05

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Victor Acchign

Signature

[Signature]

Month

Day

Year

03/01/05

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month

Day

Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month

Day

Year

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802. WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

TRANSPORTER

FACILITY

24032912



IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802. WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS  
WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1

Information in the shaded areas  
is not required by Federal law.

CA10000143486

of 1

3. Generator's Name and Mailing Address

HYRAMID SERVICES INC. - AIR FORCE PLANT #42  
2501 EAST AVENUE 'F'  
PALMDALE, CA 93550

4. Generator's Phone (661) 272-6720

A. State Manifest Document Number

24032913

B. State Generator's ID

C. State Transporter's ID [Reserved]

D. Transporter's Phone

E. State Transporter's ID [Reserved]

F. Transporter's Phone

9. Designated Facility Name and Site Address

CHEMICAL WASTE MANAGEMENT-RHE  
35251 OLD SKYLINE ROAD  
KETTLEMAN CITY, CA 93239

10. US EPA ID Number

CA100000646217

G. State Facility's ID

H. Facility's Phone

(559) 386-9711

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers  
No. Type

13. Total  
Quantity

14. Unit  
Wt/Val

1. Waste Number

a. NON-FLAMMABLE HAZARDOUS WASTE SOLID (LEAD)

001 DOT 00018

State 611

EPA/Other N/A

b.

State

EPA/Other

c.

State

EPA/Other

d.

State

EPA/Other

15. Additional Description for Materials Listed Above

SOPE WITH LEAD

K. Handling Codes for Wastes Listed Above

a.

b.

c.

d.

15. Special Handling Instructions and Additional Information 1-800-424-9300

SITE: SAME AS ABOVE ( FORMER BURN PIT)

WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

Fd Gorman

Signature

[Signature]

Month

Day

Year

030102

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Simon Limon Trucking

Signature

[Signature]

Month

Day

Year

09102002

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month

Day

Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month

Day

Year

DO NOT WRITE BELOW THIS LINE.

24032914  
IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CA11000143486		Manifest Document No.		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address PYRAMID SERVICES INC. - AIR FORCE PLANT #42 2501 EAST AVENUE 'P' PALMDALE, CA 93550				A. State Manifest Document Number 24032914					
4. Generator's Phone (661) 272-6720				B. State Generator's ID					
5. Transporter 1 Company Name GUTHRIE'S TRUCKING				6. US EPA ID Number CA11000143486		C. State Transporter's ID (Reserved)			
7. Transporter 2 Company Name				8. US EPA ID Number		D. Transporter's Phone 661 972 7909			
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT-KHE 35251 OLD SKYLINE ROAD KETTLEMAN CITY, CA 93239				10. US EPA ID Number CA11000143486		E. State Transporter's ID (Reserved)			
						F. Transporter's Phone			
						G. State Facility's ID			
						H. Facility's Phone (559) 386-5711			
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)				12. Containers		13. Total Quantity		14. Unit Wt/Vol	
a. NON-REPA HAZARDOUS WASTE SOLID (LEAD)				No. Type		Quantity		Wt/Vol	
				0 0 1 O.T.		0 0 0 1 0		Y	
b.								I. Waste Number	
								State 611	
c.								EPA/Other N/A	
d.								State	
								EPA/Other	
								State	
								EPA/Other	
J. Additional Information (See Materials Listed Above)				K. Handling Codes for Wastes Listed Above					
a. NON-REPA HAZARDOUS WASTE SOLID (LEAD)				b.					
				c.					
				d.					
15. Special Handling Instructions (See Additional Information 1-800-424-9300)									
SITE: SAME AS ABOVE ( FORMER BURN PIT) WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING									
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.									
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.									
Printed/Typed Name Ed Garklan				Signature <i>[Signature]</i>				Month Day Year 03 02 05	
17. Transporter 1 Acknowledgement of Receipt of Materials				Printed/Typed Name GUTHRIE'S				Signature <i>[Signature]</i>	
								Month Day Year 03 02 05	
18. Transporter 2 Acknowledgement of Receipt of Materials				Printed/Typed Name				Signature	
								Month Day Year	
19. Discrepancy Indication Space									
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.									
Printed/Typed Name				Signature				Month Day Year	

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR  
TRANSPORTER  
FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address PYRAMID SERVICES INC. - AIR FORCE PLANT #42 2501 EAST AVENUE 'P' PALMDALE, CA 93550			A. State Manifest Document Number 24032915		
4. Generator's Phone (661) 272-6720			B. State Generator's ID		
5. Transporter 1 Company Name L & H CONSULTING			C. State Transporter's ID [Reserved]		
6. US EPA ID Number 0410982323970			D. Transporter's Phone 8005005725		
7. Transporter 2 Company Name			E. State Transporter's ID [Reserved]		
8. US EPA ID Number			F. Transporter's Phone		
9. Designated Facility Name and Site Address CIVIC WASTE MANAGEMENT-FBE 35251 OLD SKYLINE ROAD KETTLEMAN CITY, CA 93239			G. State Facility's ID		
10. US EPA ID Number CAT000646117			H. Facility's Phone (559) 386-9711		
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers	13. Total Quantity	14. Unit Wt/Vol	15. Waste Number
a. NON-FLAMMABLE HAZARDOUS WASTE SOLID (LEAD)		No. Type			State 611 EPA/Other N/A
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other
16. Additional Descriptions of Materials Listed Above SILVER LEAD WITH LEAD		K. Handling Codes for Wastes Listed Above			
		a. b.			
		c. d.			
19. Special Handling Instructions and Additional Information 1-800-424-9300					
SITE: SAME AS ABOVE ( FORMER BURN PIT) WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.					
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Pat Gaden		Signature [Signature]		Month Day Year 03/01/03	
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed/Typed Name L & H CONSULTING		Signature [Signature]	
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed/Typed Name		Signature	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.		Printed/Typed Name		Signature	
				Month Day Year	

DO NOT WRITE BELOW THIS LINE.

UNIFORM HAZARDOUS  
WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1

Information in the shaded areas  
is not required by Federal law.

C A L 0 0 0 1 4 3 4 8 5

of 1

3. Generator's Name and Mailing Address

TYRANO SERVICES INC. - AIR FORCE PLANT #42  
2501 EAST AVENUE 'P'  
PALMDALE, CA 93550

A. State Manifest Document Number

24032916

B. State Generator's ID

4. Generator's Phone (661) 272-6720

5. Transporter 1 Company Name

6. US EPA ID Number

C. State Transporter's ID [Reserved]

7. Transporter 2 Company Name

8. US EPA ID Number

D. Transporter's Phone

310-900-9800

E. State Transporter's ID [Reserved]

F. Transporter's Phone

9. Designated Facility Name and Site Address

CHEMICAL WASTE MANAGEMENT-KHF  
35251 OLD SKYLINE ROAD  
KETTLEMAN CITY, CA 93239

10. US EPA ID Number

C A T 0 0 0 6 4 6 1 1 7

G. State Facility's ID

H. Facility's Phone

(559) 386-9711

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers  
No. Type13. Total  
Quantity14. Unit  
Wt/Vol

15. Waste Number

a. NON-FLAM HAZARDOUS WASTE SOLID (LEAD)

0 0 1

D T

0 0 0 1 S

Y

State 611

EPA/Other N/A

b.

State

EPA/Other

c.

State

EPA/Other

d.

State

EPA/Other

16. Additional Description of Materials Listed Above

SOLID WITH LEAD

K. Handling Codes for Wastes Listed Above

a.

b.

c.

d.

17. Special Handling Instructions and Additional Information

SITE: SAME AS ABOVE ( FORMER BURN PIT)

WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name

Ed Jackson

Signature

[Signature]

Month

Day

Year

0 3 0 2 0 5

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Anthony Lopez

Signature

[Signature]

Month

Day

Year

0 3 0 2 0 5

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month

Day

Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month

Day

Year

DO NOT WRITE BELOW THIS LINE.

24032916

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

TRANSPORTER

FACILITY

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address PYRAMID SERVICES INC. - AIR FORCE PLANT #42 2501 EAST AVENUE 'E' PALMDALE, CA 93550			A. State Manifest Document Number 24032918		
4. Generator's Phone (661) 272-6720			B. State Generator's ID		
5. Transporter 1 Company Name J J PEREZ & SONS			C. State Transporter's ID [Reserved]		
6. US EPA ID Number CA200041544716			D. Transporter's Phone 289 993 7726		
7. Transporter 2 Company Name			E. State Transporter's ID [Reserved]		
8. US EPA ID Number			F. Transporter's Phone		
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT-KHE 35251 OLD SKYLINE ROAD KETTERMAN CITY, CA 93239			G. State Facility's ID		
10. US EPA ID Number CATD000646117			H. Facility's Phone (559) 385-9711		
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol	15. Waste Number
a. NON-PCRA HAZARDOUS WASTE SOLID (LEAD)		0 0 1 D T	0 0 0 1 8	7	State 611 EPA/Other N/A
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other
16. Additional Descriptions for Materials Listed Above a. FORMER BURN PIT SOIL WITH LEAD 9067540		K. Handling Codes for Wastes Listed Above a. b. c. d.			
17. Special Handling Instructions and Additional Information 1-800-424-9300 SITE: SAME AS ABOVE ( FORMER BURN PIT) WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Ed Jackson		Signature [Signature]		Month Day Year 03 09 05	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Luis Garcia		Signature [Signature]		Month Day Year 03 03 05	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name		Signature		Month Day Year	

DO NOT WRITE BELOW THIS LINE.

**UNIFORM HAZARDOUS  
WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1

Information in the shaded areas  
is not required by Federal law.

CAL0000143406

of 1

3. Generator's Name and Mailing Address

EVANIL SERVICES INC. - AIR FORCE PLANT #42  
2501 EAST AVENUE 'P'  
PALMDALE, CA 93550

4. Generator's Phone (661) 272-6720

A. State Manifest Document Number

24032919

B. State Generator's ID

C. State Transporter's ID (Reserved)

D. Transporter's Phone

E. State Transporter's ID (Reserved)

F. Transporter's Phone

G. State Facility's ID

H. Facility's Phone

(559) 386-9711

5. Transporter 1 Company Name

6. US EPA ID Number

JJ Perez & Sons

CAR0000154476

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

CHEMICAL WASTE MANAGEMENT-KHE  
35251 OLD SKYLINE ROAD  
KETTLEMAN CITY, CA 93239

10. US EPA ID Number

CAT0000646117

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers

No.

Type

13. Total

Quantity

14. Unit

Wt/Vol

I. Waste Number

a. NON-FLAMMABLE SOLID (LEAD)

001

DT

00018

7

State 011

EPA/Other N/A

b.

State

EPA/Other

c.

State

EPA/Other

d.

State

EPA/Other

J. Additional Descriptions for Materials Listed Above

6. 100% LEAD SOLID WITH LEAD

K. Handling Codes for Wastes Listed Above

a.

b.

c.

d.

15. Special Handling Instructions and Additional Information 1-800-424-9300

SITE: SAME AS ABOVE (FORMER BURN PIT)

WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name

Signature

Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address PYRAMID SERVICES INC. - AIR FORCE PLANT #42 2501 EAST AVENUE "P" PALMDALE, CA 93550		C A L 0 0 0 1 4 2 4 8 6		A. State Manifest Document Number 24032920	
4. Generator's Phone (661) 272-6720		6. US EPA ID Number		B. State Generator's ID	
5. Transporter 1 Company Name Simon & Simon		K I N 2 1 0 0 0 0 9 1 3 1 2 1 2		C. State Transporter's ID (Reserved)	
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone 559-2469	
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT-KIR 35261 OLD SKYLINE ROAD KEITLEMAN CITY, CA 93239		10. US EPA ID Number C A T 0 0 0 6 4 6 1 1 7		E. State Transporter's ID (Reserved)	
				F. Transporter's Phone	
				G. State Facility's ID	
				H. Facility's Phone (559) 386-9711	
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No. Type		13. Total Quantity	14. Unit Wt/Vol
a. NON-PCRA HAZARDOUS WASTE SOLID (LEAD)		0 0 1 D T 0 0 0 1 8		Y	I. Waste Number State 611 EPA/Other N/A
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other
15. Additional Descriptions for Materials Listed Above A) FORMER BURN PIT SITE WITH LEAD		K. Handling Codes for Wastes Listed Above a. b. c. d.			
16. SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION 1-800-424-9300 SITE: SAME AS ABOVE (FORMER BURN PIT) WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Earl S. Sorenson		Signature <i>[Signature]</i>		Month Day Year 11/30/11	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature <i>[Signature]</i>		Month Day Year 11/30/11	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name		Signature		Month Day Year	

DO NOT WRITE BELOW THIS LINE.



UNIFORM HAZARDOUS  
WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1

Information in the shaded areas  
is not required by Federal law.

CAL0000143486

of 1

3. Generator's Name and Mailing Address

PYRAMID SERVICES INC. - AIR FORCE PLANT #42  
2501 EAST AVENUE 'B'  
PALMDALE, CA 93550

4. Generator's Phone (661) 272-6720

A. State Manifest Document Number

24032921

B. State Generator's ID

C. State Transporter's ID (Reserved)

D. Transporter's Phone

E. State Transporter's ID (Reserved)

F. Transporter's Phone

G. State Facility's ID

H. Facility's Phone

(559) 386-9713

5. Transporter 1 Company Name

FJZ

6. US EPA ID Number

CAV000041754

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

CHEMICAL WASTE MANAGEMENT-KW  
35251 OLD SKYLINE ROAD,  
KETTLEMAN CITY, CA 93239

10. US EPA ID Number

CAT0000646117

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)

a. NON-FLAM HAZARDOUS WASTE SOLID (LEAD)

12. Containers

No.

Type

13. Total

Quantity

14. Unit

Wt/Vol

1. Waste Number

State

EPA/Other

W/A

State

EPA/Other

State

EPA/Other

State

EPA/Other

15. Additional Descriptions for Materials Listed Above

3) PROFILE LEVEL 6.113 SOIL WITH LEAD

K. Handling Codes for Wastes Listed Above

a.

b.

c.

d.

15. Special Handling Instructions and Additional Information

2) IN CASE OF EMERGENCY CALL 1-800-424-9300

NOTE: SAME AS ABOVE ( FORMER BURN PIT)

WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name

Ed Sackam

Signature

Ed Sackam

Month

Day

Year

03

01

05

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

FRANCISCO ZUNIGA

Signature

Francisco Zuniga

Month

Day

Year

03

02

05

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month

Day

Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month

Day

Year

DO NOT WRITE BELOW THIS LINE.



IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802. WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR  
TRANSPORTER  
FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address PYRAMID SERVICES INC. - AIR FORCE PLANT #42 2501 EAST AVENUE 'F' PALMDALE, CA 93550 4. Generator's Phone (661) 272-6720			A. State-Manifest Document Number 24032922		
5. Transporter 1 Company Name IDC TUBALING			B. State-Generator's ID		
6. US EPA ID Number CA140000143486			C. State Transporter's ID [Reserved]		
7. Transporter 2 Company Name			D. Transporter's Phone 557-169-6776		
8. US EPA ID Number			E. State Transporter's ID [Reserved]		
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT-KHE 35251 OLD SKYLINE ROAD KETTERMAN CITY, CA 93239			F. Transporter's Phone		
10. US EPA ID Number CA140000646117			G. State Facility's ID		
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)			H. Facility's Phone (559) 386-9711		
a. NON-RCRA HAZARDOUS WASTE SOLID (LEAD)			12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol
001 DOT 00016					
b.					
c.					
d.					
1. Additional Descriptions for Materials Listed Above a) PROFILE 60315 SOIL WITH LEAD			K. Handling Codes for Wastes Listed Above		
			a.	b.	
			c.	d.	
15. Special Handling Instructions and Additional Information IN CASE OF EMERGENCY CALL 1-800-424-8800 SITE: SAME AS ABOVE (FORMER BURN PIT) WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name F. S. Barkin		Signature 		Month Day Year 03/02/05	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature 		Month Day Year 03/02/05	
Printed/Typed Name ANTONIO GODINEZ		Signature		Month Day Year	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Month Day Year	
Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name		Signature		Month Day Year	

DO NOT WRITE BELOW THIS LINE.

UNIFORM HAZARDOUS  
WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1

Information in the shaded areas  
is not required by Federal law.

CAL0000143486

of

3. Generator's Name and Mailing Address  
PYRAMID SERVICES INC. - AIR FORCE PLANT #42  
2501 EAST AVENUE 'P'  
PALMDALE, CA 93550  
4. Generator's Phone (661) 272-6720

A. State Manifest Document Number  
24032923

B. State Generator's ID

C. State Transporter's ID [Reserved]

D. Transporter's Phone 209-649-7001

E. State Transporter's ID [Reserved]

F. Transporter's Phone

G. State Facility's ID

H. Facility's Phone

(559) 386-9711

5. Transporter 1 Company Name

6. US EPA ID Number

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address  
CHEMICAL WASTE MANAGEMENT-KHE  
35251 OLD SKYLINE ROAD  
KETTLEMAN CITY, CA 93239

10. US EPA ID Number

CAT0000646117

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers

13. Total

14. Unit

15. Waste Number

a. NON-RCRA HAZARDOUS WASTE SOLID (LEAD)

No.

Type

Quantity

Wt/Vol

Waste Number

001

DT

00018

Y

State 611

EPA/Other N/A

b.

c.

d.

State

EPA/Other

State

EPA/Other

State

EPA/Other

16. Additional Descriptions for Materials Listed Above

SOIL WITH LEAD 9D15322  
CR312

K. Handling Codes for Wastes Listed Above

a.

b.

c.

d.

15. Special Handling Instructions and Additional Information 1-800-424-9300

SITE: SAME AS ABOVE ( FORMER BURN PIT)

WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

Signature

Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address PYRAMID SERVICES INC. - AIR FORCE PLANT #42 2501 EAST AVENUE 'D' PALMDALE, CA 93550		C A L 0 0 0 1 4 3 4 8 6		A. State/Manifest Document Number 24032925	
4. Generator's Phone (561) 272-6720		6. US EPA ID Number		B. State/Generator's ID	
5. Transporter 1 Company Name Smokey Smoke Trucking		C A W 0 9 9 0 6 9 2 2 6		C. State/Transporter's ID [Reserved]	
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone (559) 386-9269	
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT-K&E 35251 OLD SKYLARK ROAD KETTLEMAN CITY, CA 93239		10. US EPA ID Number C A T 0 0 0 6 4 6 1 1 7		E. State/Transporter's ID [Reserved]	
				F. Transporter's Phone	
				G. State/Facility's ID	
				H. Facility's Phone (559) 386-9711	
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No. Type		13. Total Quantity	14. Unit Wt/Vol
a. NON-FLAMMABLE HAZARDOUS WASTE SOLID (LEAD)		0 0 1 D T 0 0 0 1 6			Y
1. Additional Descriptions for Materials Listed Above a. FORMER BURN PIT SOIL WITH LEAD		K. Handling Codes for Wastes Listed Above			
		a. b. c. d.			
15. Special Handling Instructions and Additional Information 1-800-424-9300					
SITE: SAME AS ABOVE ( FORMER BURN PIT) WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Ed Suriano		Signature <i>Ed Suriano</i>		Month Day Year 8/30/05	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name SANDRA TAROYA		Signature <i>Sandra Taroya</i>		Month Day Year 9/3/05	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name Signature Month Day Year					

DO NOT WRITE BELOW THIS LINE.



IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR  
TRANSPORTER  
FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.		Manifest Document No.		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.									
3. Generator's Name and Mailing Address PYRAMID SERVICES INC. - AIR FORCE PLANT #42 2501 EAST AVENUE 'E' PALMDALE, CA 93550						A. State Manifest Document Number 24032927											
4. Generator's Phone (661) 272-6720						B. State Generator's ID											
5. Transporter 1 Company Name LTH Consulting						C. State Transporter's ID (Reserved)											
6. US EPA ID Number CAP 982322570						D. Transporter's Phone 818-47-5775											
7. Transporter 2 Company Name						E. State Transporter's ID (Reserved)											
8. US EPA ID Number						F. Transporter's Phone											
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT-KMF 35251 OLD KEYLINE ROAD KETTLEMAN CITY, CA 93239						G. State Facility's ID											
10. US EPA ID Number CA T 0000646117						H. Facility's Phone (559) 386-9711											
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol		15. Waste Number					
a. NON-RCRA HAZARDOUS WASTE SOLID (LEAD)						001 D T		00010		Y		State 611 EPA/Other N/A					
b.												State EPA/Other					
c.												State EPA/Other					
d. (1000-42)												State EPA/Other					
16. Additional Descriptions for Materials Listed Above a. FRICTIONLESS SOIL WITH LEAD						K. Handling Codes for Wastes Listed Above											
						a.											
						b.											
						c.											
						d.											
17. Special Handling Instructions and Additional Information a. IN CASE OF EMERGENCY CALL 1-800-424-9300  SITE: SAME AS ABOVE (FORMER BURN PIT) WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING																	
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.																	
Printed/Typed Name Ed S. L. L.						Signature [Signature]						Month 12		Day 01		Year 95	
17. Transporter 1 Acknowledgement of Receipt of Materials																	
Printed/Typed Name Jeff Cain						Signature [Signature]						Month 12		Day 01		Year 95	
18. Transporter 2 Acknowledgement of Receipt of Materials																	
Printed/Typed Name						Signature						Month		Day		Year	
19. Discrepancy Indication Space																	
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.																	
Printed/Typed Name						Signature						Month		Day		Year	

DO NOT WRITE BELOW THIS LINE.

**UNIFORM HAZARDOUS  
WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1

Information in the shaded areas  
is not required by Federal law.

CAL0000143486

of 1

3. Generator's Name and Mailing Address

PYRAMID SERVICES INC. - AIR FORCE PLANT #42  
2501 EAST AVENUE 'P'  
EALMDALE, CA 93550

4. Generator's Phone (661) 272-6720

A. State Manifest Document Number

24032928

B. State Generator's ID

C. State Transporter's ID (Reserved)

D. Transporter's Phone

562-425-2172

E. State Transporter's ID (Reserved)

F. Transporter's Phone

G. State Facility's ID

H. Facility's Phone

(559) 386-9711

5. Transporter 1 Company Name

6. US EPA ID Number

ES & H Trucking

EAH000012891715

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

CHEMICAL WASTE MANAGEMENT-KHF  
35251 OLD SKYLINE ROAD  
KETTLEMAN CITY, CA 93239

10. US EPA ID Number

CAT0000546117

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers

13. Total

14. Unit

15. Waste Number

a. NON-RCRA HAZARDOUS WASTE SOLID (LEAD)

No.

Type

Quantity

Wt/Vol

State

001

D

00018

Y

611

EPA/Other

N/A

b.

c.

d.

State

EPA/Other

State

EPA/Other

State

EPA/Other

16. Additional Descriptions for Materials Listed Above

SOIL WITH LEAD

K. Handling Codes for Wastes Listed Above

a.

b.

c.

d.

17. Special Handling Instructions and Additional Information 1-800-424-9300

SITE: SAME AS ABOVE ( FORMER BURN PIT)

WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING

18. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

Ed Sartin

Signature

[Signature]

Month

Day

Year

03/01/05

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Alfredo Chavez

Signature

[Signature]

Month

Day

Year

03/02/05

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month

Day

Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month

Day

Year

DO NOT WRITE BELOW THIS LINE.

24032928  
IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550  
GENERATOR  
FACILITY

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address PYRAMID SERVICES INC. - AIR FORCE PLANT #42 2501 EAST AVENUE 'B' PALMDALE, CA 93550 4. Generator's Phone (661) 272-6720			A. State Manifest Document Number 24032929			
5. Transporter 1 Company Name DEFN8ESTE			B. State Generator's ID			
6. US EPA ID Number KAL0000287779			C. State Transporter's ID [Reserved]			
7. Transporter 2 Company Name			D. Transporter's Phone 16613436104			
8. US EPA ID Number			E. State Transporter's ID [Reserved]			
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT-KHE 35251 OLD SKYLINE ROAD KETTLEMAN CITY, CA 93239			F. Transporter's Phone			
10. US EPA ID Number CAT0000646117			G. State Facility's ID			
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)			H. Facility's Phone (559) 386-9711			
a. HOB-PCRA HAZARDOUS WASTE SOLID (LEAD)			12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol	15. Waste Number State EPA/Other
			001 0T	00018	Y	611 N/A
b.						State EPA/Other
c.						State EPA/Other
d.						State EPA/Other
16. Additional Descriptions for Materials Listed Above a) FERTILIZER SOIL WITH LEAD			K. Handling Codes for Wastes Listed Above			
			a. b.			
			c. d.			
17. Special Handling Instructions and Additional Information 1-800-424-9300						
SITE: SAME AS ABOVE ( FORMER BURN PIT) WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Ed Suckin			Signature [Signature]		Month Day Year 03 01 05	
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name HARPAL SINGH			Signature [Signature]		Month Day Year 03 02 05	
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name			Signature		Month Day Year	
19. Discrepancy Indication Space						
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name			Signature		Month Day Year	

DO NOT WRITE BELOW THIS LINE.



UNIFORM HAZARDOUS  
WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1

Information in the shaded areas  
is not required by Federal law.

C A L 0 0 0 1 4 3 4 6 6

of 1

3. Generator's Name and Mailing Address  
PYRAMID SERVICES INC. - AIR FORCE PLANT #42  
2501 EAST AVENUE 'P'  
PALMDALE, CA 93550

4. Generator's Phone (861) 272-8720

A. State Manifest Document Number

24032930

B. State Generator's ID

C. State Transporter's ID [Reserved]

D. Transporter's Phone

805 647-5775

E. State Transporter's ID [Reserved]

F. Transporter's Phone

G. State Facility's ID

H. Facility's Phone

(559) 386-9711

9. Designated Facility Name and Site Address  
CHEMICAL WASTE MANAGEMENT-KHE  
35251 OLD SKYLINE ROAD  
KETTLEMAN CITY, CA 93239

10. US EPA ID Number

C A T 0 0 0 6 4 6 1 1 7

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers

No.

Type

13. Total

Quantity

14. Unit

Wt/Vol

15. Waste Number

a. NON-FLAMMABLE HAZARDOUS WASTE, SOLID (LEAD)

0 0 1

D T

0 0 0 1 6

Y

State 611

EPA/Other N/A

b.

State

EPA/Other

c.

State

EPA/Other

d.

State

EPA/Other

16. Additional Information for Materials Listed Above

K. Handling Codes for Wastes Listed Above

a.

b.

c.

d.

17. Special Handling Instructions and Additional Information

SITE: SAME AS ABOVE (FORMER BURN PIT)

WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING

TRK# 203

LIC# 9024975

18. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name

F. J. Beckman

Signature

F. J. Beckman

Month

Day

Year

0 3 0 1 0 5

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

WAYNE HEATH

Signature

Wayne Heath

Month

Day

Year

0 3 0 1 2 0 5

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month

Day

Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month

Day

Year

DO NOT WRITE BELOW THIS LINE.

24032930

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

TRANSPORTER

FACILITY



IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802: WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR  
TRANSPORTER  
FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address STANLEY SERVICES INC. - AIR FORCE BLT #12 2501 EAST AVENUE "D" PALMDALE, CA 93550		4. Generator's Phone (661) 272-6720		A. State Manifest Document Number: 24032931	
5. Transporter 1 Company Name M-GEART Trucking		6. US EPA ID Number CA100000049874		B. State Generator's ID	
7. Transporter 2 Company Name		8. US EPA ID Number		C. State Transporter's ID [Reserved]	
9. Designated Facility Name and Site Address STANLEY SERVICES INC. - AIR FORCE BLT #12 35251 OLD SKYLINE ROAD KETTLEMAN CITY, CA 93239		10. US EPA ID Number CA100000046117		D. Transporter's Phone 805-689-6747	
				E. State Transporter's ID [Reserved]	
				F. Transporter's Phone	
				G. State Facility's ID	
				H. Facility's Phone (559) 386-9711	
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) a. NON-HAZARDOUS WASTE SOLID (LEAD)		12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol	15. Waste Number State EPA/Other
		001 D T	00013	Y	611 A
b.					State EPA/Other
c. LEAD 9008797					State EPA/Other
d.					State EPA/Other
16. Special Handling Instructions and Additional Information SITE: SAME AS ABOVE (FORMER BURN PIT) WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING		K. Handling Codes for Wastes Listed Above			
		a. b. c. d.			
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature Month Day Year			
Printed/Typed Name M-GEART		Signature [Signature] 03 02 05			
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature Month Day Year			
Printed/Typed Name		Signature [Signature] Month Day Year			
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name		Signature		Month Day Year	

DO NOT WRITE BELOW THIS LINE.

**UNIFORM HAZARDOUS  
WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1

Information in the shaded areas  
is not required by Federal law.

3. Generator's Name and Mailing Address

PYRAMID SERVICES INC. - AIR FORCE PLANT #42  
2501 EAST AVENUE 'E'  
PALMDALE, CA 93550

4. Generator's Phone (661) 272-6720

5. Transporter 1 Company Name

Peles Transportation

6. US EPA ID Number

CA16040284106

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

CHEMICAL WASTE MANAGEMENT-KHF  
35251 OLD SKYLINE ROAD  
KETTERMAN CITY, CA 93239

10. US EPA ID Number

CA16040284106

A. State Manifest Document Number

24032933

B. State Generator's ID

C. State Transporter's ID [Reserved]

D. Transporter's Phone

805-878-0456

E. State Transporter's ID [Reserved]

F. Transporter's Phone

G. State Facility's ID

H. Facility's Phone

(559) 386-9711

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers

No. Type

13. Total  
Quantity

14. Unit  
Wt/Vol

1. Waste Number

a. NON-FLAMMABLE HAZARDOUS WASTE SOLID (LEAD)

0 0 1

D T

0 0 0 1 8

7

State 611

EPA/Other B/A

b.

State

EPA/Other

c.

State

EPA/Other

d.

State

EPA/Other

1. Additional Descriptions for Materials Listed Above

3) FERTILIZER SOLID WITH LEAD

K. Handling Codes for Wastes Listed Above

a.

b.

c.

d.

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY CALL 1-800-424-9300

SITE: SAME AS ABOVE ( FORMER BURN PIT)

WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING

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Printed/Typed Name

Ed Sackin

Signature

[Signature]

Month Day Year  
03 01 99

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Pete Vander

Signature

[Signature]

Month Day Year  
03 01 99

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS  
WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1

Information in the shaded areas  
is not required by Federal law.

CAL000143486

of 1

3. Generator's Name and Mailing Address  
PYRAMID SERVICES INC. - AIR FORCE PLANT #42  
2501 EAST AVENUE 'P'  
PAINDALE, CA 95650  
4. Generator's Phone (661) 272-6720

A. State/Manifest Document Number  
24032935

B. State/Generator's ID

5. Transporter 1 Company Name

6. US EPA ID Number

C. State/Transporter's ID [Reserved]

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State/Transporter's ID [Reserved]

F. Transporter's Phone

9. Designated Facility Name and Site Address  
CHEMICAL WASTE MANAGEMENT-KHE  
35251 OLD SKYLINE ROAD  
KETTLEMAN CITY, CA 95239

10. US EPA ID Number

G. State/Facility's ID

H. Facility's Phone

(559) 386-9711

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers  
No. Type

13. Total  
Quantity

14. Unit  
Wt/Vol

15. Waste Number

a. NON-ACRA HAZARDOUS WASTE SOLID (LEAD)

001 D T 00010 Y

State 611

EPA/Other N/A

b.

State

EPA/Other

c.

State

EPA/Other

d.

State

EPA/Other

16. Additional Description for Materials Listed Above  
a. FORMER BURN PIT SOPE WITH LEAD

K. Handling Codes for Wastes Listed Above

a.

b.

c.

d.

17. Special Handling Instructions and Additional Information 1-800-424-9300

SITE: SAME AS ABOVE ( FORMER BURN PIT)

WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING

18. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name Enigerlan

Signature

Month Day Year  
03 01 05

19. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year  
03 09 05

20. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

21. Discrepancy Indication Space

22. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

DO NOT WRITE BELOW THIS LINE.

**UNIFORM HAZARDOUS  
WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1

Information in the shaded areas  
is not required by Federal law.

3. Generator's Name and Mailing Address

PYRAMID SERVICES INC. - AIR FORCE PLANT #42  
2501 EAST AVENUE 'P'  
PALMDALE, CA 93550  
4. Generator's Phone 661 272-6720

A. State Manifest Document Number

24033109

B. State Generator's ID

C. State Transporter's ID [Reserved]

D. Transporter's Phone

951 830 4681

E. State Transporter's ID [Reserved]

F. Transporter's Phone

9. Designated Facility Name and Site Address

CHEMICAL WASTE MANAGEMENT-KHE  
35251 OLD SKYLINE ROAD  
KETTLEMAN CITY, CA 93239

10. US EPA ID Number

CAT0000646117

G. State Facility's ID

H. Facility's Phone

(559) 366-9711

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers  
No. Type

13. Total  
Quantity

14. Unit  
Wt/Vol

I. Waste Number  
State  
EPA/Other

a. NON-PCRA HAZARDOUS WASTE SOLID (LEAD)

001

D/T

00018

Y

N/A

b.

c.

d.

State

EPA/Other

State

EPA/Other

State

EPA/Other

J. Additional Descriptions for Materials Listed Above

a. PROFILE#EC6317 SOIL WITH LEAD

K. Handling Codes for Wastes Listed Above

a.

b.

c.

d.

15. Special Handling Instructions and Additional Information

a) IN CASE OF EMERGENCY CALL 1-800-424-9300

SITE: SAME AS ABOVE ( FORMER BURN PIT)

BEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING

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Printed/Typed Name

Ed. Jordan

Signature

[Signature]

Month Day Year

03/01/95

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

James Ramirez

Signature

[Signature]

Month Day Year

03/01/95

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

DO NOT WRITE BELOW THIS LINE.

24033109  
IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

FACILITY

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802. WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

TRANSPORTER

FACILITY

# UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAL0000143485		Manifest Document No.		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.			
3. Generator's Name and Mailing Address ATP FORCE PLANT #42 2501 EAST AVENUE "E" PALMDALE, CA 93550 4. Generator's Phone (661) 272-6728				A. State Manifest Document Number 24033110					
5. Transporter 1 Company Name C & R TRANSPORT 6. US EPA ID Number MA10004866453				B. State Generator's ID					
7. Transporter 2 Company Name				C. State Transporter's ID (Reserved)					
8. US EPA ID Number				D. Transporter's Phone 760 956-6736					
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT-RHF 35251 OLD SKYLINE ROAD KETTLEMAN CITY, CA 93239 10. US EPA ID Number CAT0000646137				E. State Transporter's ID (Reserved)					
				F. Transporter's Phone					
				G. State Facility's ID					
				H. Facility's Phone (559) 386-9711					
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol		1. Waste Number	
a. NON-FLAM HAZARDOUS WASTE SOLID (LEAD)		001 DT 000018		Y				State 611 EPA/Other N/A	
b.								State EPA/Other	
c.								State EPA/Other	
d.								State EPA/Other	
J. Additional Descriptions for Materials Listed Above SOIL WITH LEAD				K. Handling Codes for Wastes Listed Above					
				a.		b.			
				c.		d.			
15. Special Handling Instructions and Additional Information SITE: SAME AS ABOVE ( FORMER BURN PIT) WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING									
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.									
Printed/Typed Name Ed Jackson				Signature [Signature]				Month Day Year 03/01/05	
17. Transporter 1 Acknowledgement of Receipt of Materials									
Printed/Typed Name JAMES MADSEN				Signature [Signature]				Month Day Year 03/01/05	
18. Transporter 2 Acknowledgement of Receipt of Materials									
Printed/Typed Name				Signature				Month Day Year	
19. Discrepancy Indication Space									
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.									
Printed/Typed Name				Signature				Month Day Year	

DO NOT WRITE BELOW THIS LINE.

24033111  
IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR  
TRANSPORTER  
FACILITY

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. CA10000143486		Manifest Document No.		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address PRIMED SERVICES INC. - AIR FORCE PLANT #42 2501 EAST AVENUE 'P' PALMDALE, CA 93550 4. Generator's Phone (661) 272-6720						A. State Manifest Document Number <b>24033111</b>			
5. Transporter 1 Company Name <b>EF Trading</b>						B. State Generator's ID			
6. US EPA ID Number <b>1046000273252</b>						C. State Transporter's ID (Reserved)			
7. Transporter 2 Company Name						D. Transporter's Phone <b>(661) 619-9352</b>			
8. US EPA ID Number						E. State Transporter's ID (Reserved)			
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT-KHF 35251 OLD SKYLINE ROAD KETTLEMAN CITY, CA 93239						F. Transporter's Phone			
10. US EPA ID Number CAT00006461117						G. State Facility's ID			
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers		13. Total Quantity	
a. NON-FLAM HAZARDOUS WASTE SOLID (LEAD)						No.		Type	
						001		DT	
b.						000		18	
						Y			
c.									
d.									
14. Additional Descriptions for Materials Listed Above SOIL WITH LEAD						K. Handling Codes for Wastes Listed Above			
						a.		b.	
						c.		d.	
15. Special Handling Instructions and Additional Information a) IN CASE OF EMERGENCY CALL 1-800-424-9300  SITE: SAME AS ABOVE ( FORMER BURN PIT) WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING									
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.									
Printed/Typed Name <b>Ed Jackson</b>				Signature <i>[Signature]</i>				Month Day Year <b>03/01/05</b>	
17. Transporter 1 Acknowledgement of Receipt of Materials				18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name <b>Miguel Reinos</b>				Signature <i>[Signature]</i>				Month Day Year <b>03/02/05</b>	
Printed/Typed Name				Signature				Month Day Year	
19. Discrepancy Indication Space									
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.									
Printed/Typed Name				Signature				Month Day Year	

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address AIR FORCE PLANT #42 2501 EAST AVENUE 'P' PALMDALE, CA 93550		4. Generator's Phone (561) 272-6720	A. State Manifest Document Number 24033112		
5. Transporter 1 Company Name Agri-Trans		6. US EPA ID Number K210001027360	B. State Generator's ID		
7. Transporter 2 Company Name		8. US EPA ID Number	C. State Transporter's ID [Reserved]		
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT-KHF 35251 OLD SKYLINE ROAD KETTERMAN CITY, CA 95239		10. US EPA ID Number CAT0000646117	D. Transporter's Phone (661) 241-9258		
			E. State Transporter's ID [Reserved]		
			F. Transporter's Phone		
			G. State Facility's ID		
			H. Facility's Phone (559) 386-9711		
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. NON-FLAM HAZARDOUS WASTE SOLID (LEAD)		0 0 1 E T 0 0 0 1 8	Y		State 611 EPA/Other N/A
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other
J. Additional Descriptions for Materials Listed Above a) FRITILE#EC8313 SOIL WITH LEAD		K. Handling Codes for Wastes Listed Above a. b. c. d.			
15. Special Handling Instructions and Additional Information a) IN CASE OF EMERGENCY CALL 1-800-424-9300  SITE: SAME AS ABOVE ( FORMER BURN PIT) WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name P. J. Sackman		Signature <i>[Signature]</i>		Month Day Year 03 02 05	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name K. D. Sackman		Signature <i>[Signature]</i>		Month Day Year 03 02 05	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name Signature Month Day Year					

DO NOT WRITE BELOW THIS LINE.



UNIFORM HAZARDOUS  
WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1

Information in the shaded areas  
is not required by Federal law.

of

3. Generator's Name and Mailing Address

PYRAMID SERVICES INC. - AIR FORCE PLANT #02  
2501 EAST AVENUE 'P'  
PALMDALE, CA 93550

4. Generator's Phone (551) 272-6720

A. State Manifest Document Number

24033113

B. State Generator's ID

C. State Transporter's ID [Reserved.]

D. Transporter's Phone

E. State Transporter's ID [Reserved.]

F. Transporter's Phone

9. Designated Facility Name and Site Address

CHEMICAL WASTE MANAGEMENT-KIT  
35251 OLD SKYLINE ROAD  
KETTLEMAN CITY, CA 93239

10. US EPA ID Number

CAT0000646117

G. State Facility's ID

H. Facility's Phone

(559) 386-9711

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers  
No. Type

13. Total  
Quantity

14. Unit  
Wt/Vol

15. Waste Number

a. NON-RCRA HAZARDOUS WASTE SOLID (LEAD)

001

DOT

001

8

Y

State

511

EPA/Other

N/A

State

EPA/Other

State

EPA/Other

State

EPA/Other

State

EPA/Other

State

EPA/Other

State

EPA/Other

State

EPA/Other

State

EPA/Other

State

EPA/Other

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EPA/Other

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EPA/Other

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EPA/Other

State

EPA/Other

State

EPA/Other

State

EPA/Other

State

EPA/Other

State

EPA/Other

State

EPA/Other

J. Additional Descriptions for Materials Listed Above

a) PROFILE#EC6313 SOIL WITH LEAD

K. Handling Codes for Wastes Listed Above

a.

b.

c.

d.

15. Special Handling Instructions and Additional Information

a) IN CASE OF EMERGENCY CALL 1-800-424-9300

SITE: SAME AS ABOVE ( FORMER BURN PIT)

WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING

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Printed/Typed Name

Fed Section

Signature

[Signature]

Month Day Year

03 01 05

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Salvador D. Garcia Jr

Signature

[Signature]

Month Day Year

03 02 05

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

DO NOT WRITE BELOW THIS LINE.



IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802: WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

FACILITY

# UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.  
CA 1000646127

Manifest Document No.

2. Page 1

Information in the shaded areas is not required by Federal law.

Generator's Name and Mailing Address  
AIR FORCE PLANT #42  
2501 EAST AVENUE  
651 272-6720

A. State Manifest Document Number  
24033120

B. State Generator's ID

4. Generator's Phone ( )

5. Transporter 1 Company Name

6. US EPA ID Number

C. State Transporter's ID [Reserved]

MO J TRUCKING

CA 1000646127

D. Transporter's Phone  
818-535-2347

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID [Reserved]

CHEMICAL WASTE MANAGEMENT, INC.

Designated Facility Name and Site Address

10. US EPA ID Number

G. State Facility's ID

35251 OLD SKYLINE ROAD  
KETITLEMAN CITY, CA 95239

CA 1000646127

H. Facility's Phone  
(554) 386-4711

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers  
No. Type

13. Total Quantity

14. Unit Wt/Vol

15. Waste Number

a.

001 DOT 00018

Y

State  
EPA/Other

b.

State  
EPA/Other

c.

State  
EPA/Other

d.

State  
EPA/Other

a) PROFILE#FC6313 SOIL WITH LEAD

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above

a.

b.

c.

d.

a) IN CASE OF EMERGENCY CALL 1-800-424-9300

15. Special Handling Instructions and Additional Information

SITE: SAME AS ABOVE ( FORMER BURN PIT)

WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING

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Printed/Typed Name

Signature

Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

DO NOT WRITE BELOW THIS LINE.

UNIFORM HAZARDOUS  
WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1

Information in the shaded areas  
is not required by Federal law.

3. Generator's Name and Mailing Address

PYRAMID SERVICES INC. - AIR FORCE PLANT #42  
2501 EAST AVENUE 'P'  
PALMDALE, CA 93550

4. Generator's Phone

661 272-5720

A. State Manifest Document Number

24033124

B. State Generator's ID

C. State Transporter's ID [Reserved]

D. Transporter's Phone

E. State Transporter's ID [Reserved]

F. Transporter's Phone

9. Designated Facility Name and Site Address

CHEMICAL WASTE MANAGEMENT-KHF  
36251 OLD SKYLINE ROAD  
KETTLEMAN CITY, CA 93239

10. US EPA ID Number

G. State Facility's ID

H. Facility's Phone

(559) 386-9777

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)

a. NON-RCRA HAZARDOUS WASTE SOLID (LEAD)

12. Containers  
No. Type13. Total  
Quantity14. Unit  
Wt/Vol

1. Waste Number

State

EPA/Other

N/A

State

EPA/Other

N/A

State

EPA/Other

N/A

State

EPA/Other

N/A

J. Additional Descriptions for Materials Listed Above

a) PROFILE#EC5313 SOIL WITH LEAD

K. Handling Codes for Wastes Listed Above

a.

b.

c.

d.

15. Special Handling Instructions and Additional Information

a) IN CASE OF EMERGENCY CALL 1-800-424-9300

SITE: SAME AS ABOVE ( FORMER BURN PIT)

WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING

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Printed/Typed Name

Signature

Month

Day

Year

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month

Day

Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month

Day

Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month

Day

Year

DO NOT WRITE BELOW THIS LINE.

24033124  
IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550  
GENERATOR  
TRANSPORTER  
FACILITY

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address PYRAMID SERVICES INC. - AIR FORCE PLANT #42 2501 EAST AVENUE 'P' PALMDALE, CA 93550		C A L 0 0 0 1 4 3 4 8 6		A. State Manifest Document Number 24033125	
4. Generator's Phone (661) 272-6720		6. US EPA ID Number		B. State Generator's ID	
5. Transporter 1 Company Name M 75		1079994473331		C. State Transporter's ID (Reserved)	
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone 5724	
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT RHE 36251 OLD SKYLINE ROAD KETTLEMAN CITY, CA 93239		10. US EPA ID Number C A T 0 0 0 5 4 6 1 1 7		E. State Transporter's ID (Reserved)	
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers		F. Transporter's Phone	
a. NON-FLAMMABLE HAZARDOUS WASTE SOLID (LEAD)		No. Type		G. State Facility's ID	
		0 0 1 D T 0 0 0 1 2 Y		H. Facility's Phone (559) 386-9711	
b.				I. Waste Number	
c.				State 611	
d.				EPA/Other N/A	
1. Additional Descriptions for Materials Listed Above a) PROFILE#EC6313 SOIL WITH LEAD		K. Handling Codes for Wastes Listed Above			
		a.		b.	
		c.		d.	
15. Special Handling Instructions and Additional Information a) IN CASE OF EMERGENCY CALL 1-800-424-9300  SITE: SAME AS ABOVE ( FORMER BURN PIT) WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Ed Sartin		Signature [Signature]		Month Day Year 03 01 95	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature [Signature]		Month Day Year 03 01 95	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name		Signature		Month Day Year	

DO NOT WRITE BELOW THIS LINE.

**UNIFORM HAZARDOUS  
WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1

Information in the shaded areas  
is not required by Federal law.

3. Generator's Name and Mailing Address

PYRAMID SERVICES INC. - AIR FORCE PLANT #42  
2501 EAST AVENUE 'P'  
SALDALE, CA 93550  
4. Generator's Phone (661) 272-6728

A. State Manifest Document Number

24033126

B. State Generator's ID

C. State Transporter's ID (Reserved)

D. Transporter's Phone

E. State Transporter's ID (Reserved)

F. Transporter's Phone

G. State Facility's ID

H. Facility's Phone

9. Designated Facility Name and Site Address

CHEMICAL WASTE MANAGEMENT-KHF  
38251 OLD SKYLINE ROAD  
KETTLEMAN CITY, CA 93239

10. US EPA ID Number

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)

a. NON-RCRA HAZARDOUS WASTE SOLID (LEAD)

12. Containers  
No. Type

13. Total  
Quantity

14. Unit  
Wt/Vol

15. Waste Number

State

EPA/Other

State

EPA/Other

State

EPA/Other

State

EPA/Other

State

EPA/Other

State

EPA/Other

16. Additional Descriptions for Materials Listed Above

a) PROFILE#EC6313 SOIL WITH LEAD

K. Handling Codes for Wastes Listed Above

a.

b.

c.

d.

17. Special Handling Instructions and Additional Information

a) IN CASE OF EMERGENCY CALL 1-800-424-9300

SITE: SAME AS ABOVE ( FORMER BURW PIT)

WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING

18. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

Signature

Month

Day

Year

19. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month

Day

Year

20. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month

Day

Year

21. Discrepancy Indication Space

22. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month

Day

Year

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802. WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR  
TRANSPORTER  
FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address PYRAMID SERVICES INC. - AIR FORCE PLANT #42 2501 EAST AVENUE 'F' PALMDALE, CA 93550 4. Generator's Phone (661) 272-6720		6. US EPA ID Number CA10006143722		A. State Manifest Document Number 24033127	
5. Transporter 1 Company Name Keros Trucking		8. US EPA ID Number		D. Transporter's Phone (559) 386-9711	
7. Transporter 2 Company Name		10. US EPA ID Number		E. State Transporter's ID [Reserved]	
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT-HEF 35251 OLD SKYLINE ROAD KETTLEMAN CITY, CA 93239		12. Containers No. Type		13. Total Quantity	
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) a. NON-FLAM HAZARDOUS WASTE SOLID (LEAD)		14. Unit Wt/Vol		15. Waste Number State 611 EPA/Other N/A	
b.				State EPA/Other	
c.				State EPA/Other	
d.				State EPA/Other	
J. Additional Descriptions for Materials Listed Above a. FORMER BURN PIT SOIL WITH LEAD		K. Handling Codes for Wastes Listed Above a.		b.	
14. Special Handling Instructions and Additional Information IN CASE OF EMERGENCY CALL 1-800-424-9300 SITE: SAME AS ABOVE ( FORMER BURN PIT) WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING		c.		d.	
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.		Printed/Typed Name BA Sullivan		Signature [Signature]	
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed/Typed Name [Signature]		Signature [Signature]	
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed/Typed Name		Signature	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.		Printed/Typed Name		Signature	

DO NOT WRITE BELOW THIS LINE.

**UNIFORM HAZARDOUS  
WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1

Information in the shaded areas  
is not required by Federal law.

CAL0000143426

of 1

A. State Manifest Document Number  
**24033129**

3. Generator's Name and Mailing Address

PYRAMID SERVICES INC. - AIR FORCE PLANT #42  
2501 EAST AVENUE 'P'  
PALMDALE, CA 93550

4. Generator's Phone (661) 272-6720

B. State Generator's ID

C. State Transporter's ID (Reserved)

5. Transporter 1 Company Name

6. US EPA ID Number

MTS

CAL000043331

D. Transporter's Phone

E. State Transporter's ID (Reserved)

F. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

G. State Facility's ID

H. Facility's Phone

9. Designated Facility Name and Site Address

10. US EPA ID Number

CHEMICAL WASTE MANAGEMENT-KHF  
35251 OLD SKYLINE ROAD  
KETTLERMAN CITY, CA 93239

CAT0000046117

(559) 386-9711

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers  
No. Type

13. Total  
Quantity

14. Unit  
Wt/Vol

15. Waste Number

State

EPA/Other

State

EPA/Other

State

EPA/Other

State

EPA/Other

State

EPA/Other

State

EPA/Other

State

EPA/Other

a. NON-RCRA HAZARDOUS WASTE SOLID (LEAD)

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J. Additional Descriptions for Materials Listed Above

a) PROFILE#EC6313 SOIL WITH LEAD

K. Handling Codes for Wastes Listed Above

a.

b.

c.

d.

15. Special Handling Instructions and Additional Information

a) IN CASE OF EMERGENCY CALL 1-800-424-9300

SITE: SAME AS ABOVE ( FORMER BURN PIT)

WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

Ed Jackson

Signature

[Signature]

Month Day Year

9/30/10

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Brother Dingo

Signature

[Signature]

Month Day Year

09/30/10

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

TRANSPORTER

FACILITY

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address PYRAMID SERVICES INC. - AIR FORCE PLANT #42 2501 EAST AVENUE "B" PALMDALE, CA 93550 4. Generator's Phone (661) 272-6720			A. State Manifest Document Number 24033131		
5. Transporter 1 Company Name MTS			6. US EPA ID Number CA R000004331	B. State Generator's ID	
7. Transporter 2 Company Name			8. US EPA ID Number	C. State Transporter's ID [Reserved]	
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT-RHE 35251 OLD SKYLINE ROAD KETTLEMAN CITY, CA 93239			10. US EPA ID Number CA T0000646117	D. Transporter's Phone (661) 763-5724	
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)			12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol
a. NON-RCRA HAZARDOUS WASTE SOLID (LEAD)			0 0 1 U T	0 0 0 1 8	Y
b.					
c.					
d.					
J. Additional Descriptions for Materials Listed Above a) PROFILE#EC5313 SOIL WITH LEAD			K. Handling Codes for Wastes Listed Above a. b. c. d.		
15. Special Handling Instructions and Additional Information a) IN CASE OF EMERGENCY CALL 1-800-424-9300  SITE: SAME AS ABOVE ( FORMER BURN PIT) WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING					
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Printed/Typed Name Fol Surlein			Signature <i>[Signature]</i>		Month Day Year 03 01 05
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name SCOTT BALLARD			Signature <i>[Signature]</i>		Month Day Year 03 02 05
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name			Signature		Month Day Year
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name Signature Month Day Year					

DO NOT WRITE BELOW THIS LINE.



24033132  
IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR  
TRANSPORTER  
FACILITY

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. CA 10000143456		Manifest Document No.		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.									
3. Generator's Name and Mailing Address PYRAMID SERVICES INC. - AIR FORCE PLANT #42 2501 EAST AVENUE 'P' PALMDALE CA 93550 4. Generator's Phone 661 272-6720						A. State Manifest Document Number 24033132											
5. Transporter 1 Company Name CARL BUREAU TANG						B. State Generator's ID											
6. US EPA ID Number CA 1000013883						C. State Transporter's ID (Reserved)											
7. Transporter 2 Company Name						D. Transporter's Phone 661 587-7430											
8. US EPA ID Number						E. State Transporter's ID (Reserved)											
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT-KHF 35251 OLD SKYLINE ROAD KETTERMAN CITY, CA 93239						F. Transporter's Phone											
10. US EPA ID Number CA 10000646317						G. State Facility's ID											
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol		15. Waste Number					
a. NON-PCRA HAZARDOUS WASTE SOLID (LEAD)						001 DT		00018		Y		State 611 EPA/Other N/A					
b.												State EPA/Other					
c.												State EPA/Other					
d.												State EPA/Other					
J. Additional Descriptions for Materials Listed Above a) PROFILE#EC6313 SOIL WITH LEAD						K. Handling Codes for Wastes Listed Above a. b. c. d.											
15. Special Handling Instructions and Additional Information a) IN CASE OF EMERGENCY CALL 1-800-424-9300  SITE: SAME AS ABOVE (FORMER BURN PIT) WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING																	
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.																	
Printed/Typed Name Eric Jackson						Signature <i>[Signature]</i>				Month Day Year 03/01/05							
17. Transporter 1 Acknowledgement of Receipt of Materials						Printed/Typed Name CARL BUREAU TANG				Signature <i>[Signature]</i>				Month Day Year 03/02/05			
18. Transporter 2 Acknowledgement of Receipt of Materials						Printed/Typed Name				Signature				Month Day Year			
19. Discrepancy Indication Space																	
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name Signature Month Day Year																	

DO NOT WRITE BELOW THIS LINE.



IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802: WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address PYRAMID SERVICES INC. - AIR FORCE PLANT #42 2501 EAST AVENUE 'P' PALMDALE, CA 93550 4. Generator's Phone (559) 772-6720		6. US EPA ID Number C A I L 0 0 0 1 2 7 1 6 3 1 0 1 6		A. State Manifest Document Number 24033133	
5. Transporter 1 Company Name JC CHAVEZ		8. US EPA ID Number		D. Transporter's Phone (209) 992-61-47	
7. Transporter 2 Company Name		10. US EPA ID Number		E. State Transporter's ID (Reserved)	
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT-RMF 36251 OLD SKYLINE ROAD KETTLEMAN CITY, CA 93239		10. US EPA ID Number C A T 0 0 0 6 4 6 1 2 7		G. State Facility's ID	
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol	15. Waste Number
a. NON-RCRA HAZARDOUS WASTE SOLID (LEAD)		0 0 1 D T	0 0 0 1 8	Y	State E-11 EPA/Other N/A
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other
J. Additional Descriptions for Materials Listed Above a) PROFILE#EC0313 SOIL WITH LEAD 9012166		K. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information a) IN CASE OF EMERGENCY CALL 1-800-424-9300  SITE: SAME AS ABOVE ( FORMER BURN PIT) WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING		a. b. c. d.			
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.		Printed/Typed Name Ed Jackson Signature [Signature] Month 0 3 Day 0 1 Year 0 5			
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Juan Carlos Chavez Signature Juan Carlos Chavez Month 0 2 Day 0 2 Year 0 5		18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name Signature Month Day Year			
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name Signature Month Day Year					

DO NOT WRITE BELOW THIS LINE.

Information in the shaded areas is not required by Federal law.

Year

Yellow: GENERATOR RETAINS

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address PYRAMID SERVICES INC. - AIR FORCE PLANT #42 2501 EAST AVENUE 'P' PALMDALE, CA 93550 4. Generator's Phone (661) 272-6720		5. Transporter 1 Company Name PEREZ & SONS 6. US EPA ID Number CA1000209887		A. State/Manifest Document Number 24033136	
7. Transporter 2 Company Name		8. US EPA ID Number		B. State/Generator's ID	
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT-KHF 35251 OLD SKYLINE ROAD KETTERMAN CITY, CA 93239 10. US EPA ID Number CAT000646117		11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		C. State/Transporter's ID [Reserved]	
		12. Containers No. Type		D. Transporter's Phone 805-809-1269	
		13. Total Quantity		E. State/Transporter's ID [Reserved]	
		14. Unit Wt/Vol		F. Transporter's Phone	
		15. Waste Number		G. State/Facility's ID	
a. NON-RCRA HAZARDOUS WASTE SOLID (LEAD)		001 D T 0001 B Y		H. Facility's Phone (559) 386-9711	
b.				State EPA/Other	
c.				State EPA/Other	
d.				State EPA/Other	
J. Additional Descriptions for Materials Listed Above a) PROFILE#EC6313 SOIL WITH LEAD 9A28112		K. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information a) IN CASE OF EMERGENCY CALL 1-800-424-9300 SITE: SAME AS ABOVE ( FORMER BURN PIT) WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING					
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Printed/Typed Name Ed Sartin		Signature [Signature]		Month Day Year 03/01/05	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name [Signature]		Signature [Signature]		Month Day Year 03/02/05	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name		Signature		Month Day Year	

DO NOT WRITE BELOW THIS LINE.

24033137

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

FACILITY

# UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1

Information in the shaded areas  
is not required by Federal law.

CAL000143485

of 1

3. Generator's Name and Mailing Address

PYRAMID SERVICES INC. - AIR FORCE PLANT #42  
2501 EAST AVENUE 'F'  
PALMDALE, CA 93550

4. Generator's Phone (661) 272-6720

A. State Manifest Document Number

24033137

B. State Generator's ID

C. State Transporter's ID [Reserved]

D. Transporter's Phone

E. State Transporter's ID [Reserved]

F. Transporter's Phone

G. State Facility's ID

H. Facility's Phone

(559) 386-9711

5. Transporter 1 Company Name

6. US EPA ID Number

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

CHEMICAL WASTE MANAGEMENT-FM  
35251 OLD SKYLINE ROAD  
KETTERMAN CITY, CA 93239

10. US EPA ID Number

CAT000646117

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers

No. Type

13. Total Quantity

14. Unit Wt/Vol

15. Waste Number

a. NON-RCRA HAZARDOUS WASTE SOLID (LEAD)

001 OT 00018

7

State 611

EPA/Other N/A

b.

State

EPA/Other

c.

State

EPA/Other

d.

State

EPA/Other

J. Additional Descriptions for Materials Listed Above

a) PROFILE 60313 SOLID WITH LEAD

K. Handling Codes for Wastes Listed Above

a.

b.

c.

d.

15. Special Handling Instructions and Additional Information

a) IN CASE OF EMERGENCY CALL 1-800-424-9300

SITE: SAME AS ABOVE ( FORMER BURN PIT)

WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

Signature

Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802: WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.		Manifest Document No.		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address PYRAMID SERVICES INC. - AIR FORCE PLANT #42 2501 EAST AVENUE 'P' PALMDALE, CA 93550				4. Generator's Phone (661) 272-6720		A. State/Manifest Document Number 24032936			
5. Transporter 1 Company Name FJZ INC				6. US EPA ID Number CA10000143486		B. State/Generator's ID			
7. Transporter 2 Company Name				8. US EPA ID Number		C. State/Transporter's ID (Reserved)			
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT-KHE 35251 OLD SKYLINE ROAD NETTELEMAN CITY, CA 93239				10. US EPA ID Number CA10000546117		D. Transporter's Phone 805-386-1004			
						E. State/Transporter's ID (Reserved)			
						F. Transporter's Phone			
						G. State/Facility's ID			
						H. Facility's Phone (859) 386-9711			
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers		13. Total Quantity		14. Unit Wt/Vol		15. Waste Number	
a. NON-RCRA HAZARDOUS WASTE SOLID (LEAD)		No. Type		Quantity		Wt/Vol		State EPA/Other	
		0 0 1 D T		0 0 0 1 B		Y		511 N/A	
b.								State EPA/Other	
c.								State EPA/Other	
d.								State EPA/Other	
16. Additional Descriptions for Materials Listed Above a. PROFILET EC 315 SOIL WITH LEAD				K. Handling Codes for Wastes Listed Above					
				a.		b.			
				c.		d.			
17. Special Handling Instructions and Additional Information a. IN CASE OF EMERGENCY CALL 1-800-424-9300 SITE: SAME AS ABOVE ( FORMER BURN PIT) WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING									
18. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.									
Printed/Typed Name Ed Section				Signature [Signature]				Month Day Year 03/01/05	
17. Transporter 1 Acknowledgement of Receipt of Materials									
Printed/Typed Name Francisco Zuniga				Signature [Signature]				Month Day Year 03/01/05	
18. Transporter 2 Acknowledgement of Receipt of Materials									
Printed/Typed Name				Signature				Month Day Year	
19. Discrepancy Indication Space									
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.									
Printed/Typed Name				Signature				Month Day Year	

DO NOT WRITE BELOW THIS LINE.

**UNIFORM HAZARDOUS  
WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1

Information in the shaded areas  
is not required by Federal law.

CAL0000143486

of 1

3. Generator's Name and Mailing Address  
**STRANDED SERVICES INC. - AIR FORCE PLANT #42**  
**2501 EAST AVENUE 'E'**  
**PALMDALE, CA 93550**  
4. Generator's Phone (661) 272-6720

A. State Manifest Document Number  
**24032937**

B. State Generator's ID

C. State Transporter's ID (Reserved)

D. Transporter's Phone

E. State Transporter's ID (Reserved)

F. Transporter's Phone

5. Transporter 1 Company Name

6. US EPA ID Number

**INC. TRUCKING**

CAL0000143486

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address  
**CHEMICAL WASTE MANAGEMENT-KRF**  
**35251 OLD SKYLINE ROAD**  
**KETTLEMAN CITY, CA 93239**

10. US EPA ID Number

CAL0000143486

G. State Facility's ID

H. Facility's Phone

(859) 386-9711

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers

No. Type

13. Total  
Quantity

14. Unit  
Wt/Vol

1. Waste Number

a. **NON-FLAMMABLE SOLID (LEAD)**

001

DOT

00018

Y

State 611

EPA/Other N/A

b.

State

EPA/Other

c.

State

EPA/Other

d.

State

EPA/Other

15. Additional Descriptions for Materials Listed Above  
**SOIL WITH LEAD**

K. Handling Codes for Wastes Listed Above

a.

b.

c.

d.

16. Special Handling Instructions and Additional Information  
**IN CASE OF EMERGENCY CALL 1-800-424-9300**

**SITE: SAME AS ABOVE ( FORMER BURN PIT)**

**WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING**

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

**E. J. Johnson**

Signature

*[Signature]*

Month Day Year

03 10 1993

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

**ANTONIO GONZALEZ**

Signature

*[Signature]*

Month Day Year

03 10 1993

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

**DO NOT WRITE BELOW THIS LINE.**

24032937

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802: WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

FACILITY

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

24032938

GENERATOR

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.		Manifest Document No.		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address PYRAMID SERVICES INC. - AIR FORCE PLANT #42 2501 EAST AVENUE 'P' PALMDALE, CA 93550 4. Generator's Phone (561) 272-6720				6. US EPA ID Number C A T 6 0 0 5 4 6 1 1 7		A. State Manifest Document Number 24032938		B. State Generator's ID	
5. Transporter 1 Company Name LINCO TRUCK LINE				8. US EPA ID Number C A T 6 0 0 5 4 6 1 1 7		C. State Transporter's ID [Reserved]		D. Transporter's Phone (818) 625-1318	
7. Transporter 2 Company Name				10. US EPA ID Number		E. State Transporter's ID [Reserved]		F. Transporter's Phone	
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT-KET 35251 OLD SKYLINE ROAD KETTERMAN CITY, CA 95239				10. US EPA ID Number C A T 6 0 0 5 4 6 1 1 7		G. State Facility's ID		H. Facility's Phone (559) 386-9711	
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)				12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol	
a. NON-FLAM HAZARDOUS WASTE SOLID (LEAD)				0 0 1 D T 0 0 0 1 B		Y		I. Waste Number State 611 EPA/Other N/A	
b.								State EPA/Other	
c.								State EPA/Other	
d.								State EPA/Other	
15. Additional Descriptions for Materials Listed Above a. PROPELLANT SOLID WITH LEAD 1B28778				K. Handling Codes for Wastes Listed Above a. b. c. d.					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.									
Printed/Typed Name Ed Jackson				Signature [Signature]				Month Day Year 02/01/99	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name MUPP				Signature [Signature]				Month Day Year 02/01/99	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name				Signature				Month Day Year	
19. Discrepancy Indication Space									
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name Signature Month Day Year									

DO NOT WRITE BELOW THIS LINE.



UNIFORM HAZARDOUS  
WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1

Information in the shaded areas  
is not required by Federal law.

CAL0000143486

of 1

3. Generator's Name and Mailing Address

PYRAMID SERVICES INC. - AIR FORCE PLANT #42  
2501 EAST AVENUE 'P'  
PALMDALE, CA 93550  
4. Generator's Phone (661) 272-6720

A. State Manifest Document Number

24032939

B. State Generator's ID

C. State Transporter's ID (Reserved)

D. Transporter's Phone

E. State Transporter's ID (Reserved)

F. Transporter's Phone

G. State Facility's ID

H. Facility's Phone

(559) 386-9711

5. Transporter 1 Company Name

6. US EPA ID Number

Abu-Lay's Trucking CA0000151555

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

CHEMICAL WASTE MANAGEMENT-KHF  
35251 OLD SKYLINE ROAD  
KETTLEMAN CITY, CA 93239

10. US EPA ID Number

CAT0000646117

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers  
No. Type

13. Total  
Quantity

14. Unit  
Wt/Vol

1. Waste Number

a. NON-FLAMMABLE HAZARDOUS WASTE SOLID (LEAD)

001 DT

00018

Y

State 611

EPA/Other N/A

b.

State

EPA/Other

c.

State

EPA/Other

d.

State

EPA/Other

A. Additional Description for Materials Listed Above

SOIL WITH LEAD

K. Handling Codes for Wastes Listed Above

a.

b.

c.

d.

15. Special Handling Instructions and Additional Information 1-800-424-9300

SITE: SAME AS ABOVE (FORMER BURN PIT)

WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING

1356012

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

F. Jackson

Signature

[Signature]

Month Day Year

7/31/93

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

John Antonio Aguirre

Signature

[Signature]

Month Day Year

6/20/95

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

DO NOT WRITE BELOW THIS LINE.



IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR  
TRANSPORTER  
FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address PYRAMID SERVICES INC. - AIR FORCE PLANT #42 2501 EAST AVENUE 'F' PALMDALE, CA 93550		4. Generator's Phone (661) 272-8720		A. State Manifest Document Number 24032340	
5. Transporter 1 Company Name EPA 1918		6. US EPA ID Number CA 0000143486		B. State Generator's ID [Reserved]	
7. Transporter 2 Company Name		8. US EPA ID Number		C. State Transporter's ID [Reserved]	
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT-KMF 35251 OLD SKYLINE ROAD KETTLEMAN CITY, CA 93239		10. US EPA ID Number CA 0000646117		D. Transporter's Phone 559 386 9711	
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol	15. Waste Number
a. NON-RCRA HAZARDOUS WASTE SOLID (LEAD)		0 0 1 D T	0 0 0 1 0	Y	State 611 EPA/Other N/A
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other
16. Additional Descriptions for Materials Listed Above 1) TROTTER EC6315 SOIL WITH LEAD		K. Handling Codes for Wastes Listed Above			
		a. b.			
		c. d.			
17. Special Handling Instructions and Additional Information IN CASE OF EMERGENCY CALL 1-800-424-9300 SITE: SAME AS ABOVE (FORMER BURN PIT) WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING					
18. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name F. J. Gorkan		Signature [Signature]		Month Day Year 03/01/95	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Month Day Year	
Printed/Typed Name [Signature]		Signature [Signature]		Month Day Year 12/1/95	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Month Day Year	
Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name		Signature		Month Day Year	

DO NOT WRITE BELOW THIS LINE.

**UNIFORM HAZARDOUS  
WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1

Information in the shaded areas  
is not required by Federal law.

C A L 0 0 0 1 4 3 4 8 6

of 1

3. Generator's Name and Mailing Address

PYRAMID SERVICES INC. - AIR FORCE PLANT #42  
2501 EAST AVENUE 'F'  
PALMDALE, CA 93550

4. Generator's Phone (661) 272-6720

A. State Manifest Document Number

24032941

B. State Generator's ID

C. State Transporter's ID [Reserved.]

D. Transporter's Phone

909 228 1331

E. State Transporter's ID [Reserved.]

F. Transporter's Phone

G. State Facility's ID

H. Facility's Phone

(559) 386-9711

5. Transporter 1 Company Name

6. US EPA ID Number

HELEAR

CAL000086612

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

CHEMICAL WASTE MANAGEMENT-KHF

35251 OLD SKYLINE ROAD

KETTLEMAN CITY, CA 93239

10. US EPA ID Number

CAT0000546117

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers

No. Type

13. Total

Quantity

14. Unit

Wt/Vol

1. Waste Number

a. NON-RCRA HAZARDOUS WASTE SOLID (LEAD)

001

DT

00015

Y

State 611

EPA/Other N/A

b.

c.

d.

State

EPA/Other

State

EPA/Other

State

EPA/Other

15. Additional Descriptions for Materials Listed Above

a) PROFILE#EC6315 SOLID WITH LEAD

K. Handling Codes for Wastes Listed Above

a.

b.

c.

d.

15. Special Handling Instructions and Additional Information

IN CASE OF EMERGENCY CALL 1-800-424-8802

SITE: SAME AS ABOVE ( FORMER BURN PIT)

WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name

Ed Sardon

Signature

[Signature]

Month Day Year

03 01 05

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

EDGAR BLEJA

Signature

[Signature]

Month Day Year

03 01 05

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address PYRAMID SERVICES INC. - AIR FORCE PLANT #42 2501 EAST AVENUE 'F' PALMDALE, CA 93550		CAL0000143486			A. State Manifest Document Number 24032943
4. Generator's Phone (661) 272-6120					B. State Generator's ID
5. Transporter 1 Company Name L & H Consulting		6. US EPA ID Number KAD942320570			C. State Transporter's ID (Reserved)
7. Transporter 2 Company Name		8. US EPA ID Number			D. Transporter's Phone 57-5775
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT-KHE 35251 OLD SKYLINE ROAD KETTLEMAN CITY, CA 93239		10. US EPA ID Number CAT0000646117			E. State Transporter's ID (Reserved)
					F. Transporter's Phone
					G. State Facility's ID
					H. Facility's Phone (559) 386-9711
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. NON-FLAM HAZARDOUS WASTE SOLID (LEAD)		0 0 1 D T 0 0 0 1 0	1	Y	State 611 EPA/Other N/A
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other
Additional Descriptions for Materials Listed Above a. HAZARDOUS SOLID WITH LEAD		K. Handling Codes for Wastes Listed Above			
		a. b. c. d.			
15. Special Handling Instructions and Additional Information 1-800-424-8300 SITE: SAME AS ABOVE ( FORMER BURN PIT) WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Ed Sutton		Signature [Signature]		Month Day Year 03 01 95	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Month Day Year	
Printed/Typed Name		Signature		Month Day Year	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Month Day Year	
Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name		Signature		Month Day Year	

DO NOT WRITE BELOW THIS LINE.

24032944  
IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.		Manifest Document No.		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.					
3. Generator's Name and Mailing Address PYRAMID SERVICES INC. - AIR FORCE PLANT #42 2501 EAST AVENUE 'B' PALMDALE, CA 93550				6. US EPA ID Number CA10000143406		A. State/Manifest Document Number 24032944							
4. Generator's Phone (661) 272-6720						B. State/Generator's ID							
5. Transporter 1 Company Name SUNBELT TRANSPORT				6. US EPA ID Number CA10000143406		C. State/Transporter's ID (Reserved)							
7. Transporter 2 Company Name				8. US EPA ID Number		D. Transporter's Phone							
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT-KHF 36251 OLD SKYLINE ROAD KENTLEMAN CITY, CA 93239				10. US EPA ID Number CA10000143406		E. State/Transporter's ID (Reserved)							
						F. Transporter's Phone							
						G. State/Facility's ID							
						H. Facility's Phone (559) 386-9711							
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) a. NON-RCRA HAZARDOUS WASTE SOLID (LEAD)						12. Containers		13. Total		14. Unit		15. Waste Number	
						No. Type		Quantity		Wt/Vol		State EPA/Other	
						0 5 1 D T		0 0 0 1 5		Y		611 N/A	
b.												State EPA/Other	
c.												State EPA/Other	
d.												State EPA/Other	
16. Additional Description for Materials Listed Above a. LEAD BATTERIES SOLID WITH LEAD						K. Handling Codes for Wastes Listed Above							
						a.				b.			
						c.				d.			
17. Special Handling Instructions and Additional Information a. SITE: SAME AS ABOVE ( FORMER BURN PIT) WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING													
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.													
Printed/Typed Name Ed Schmitt				Signature [Signature]				Month 03		Day 01		Year 95	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name SUNBELT TRANSPORT				Signature [Signature]				Month 03		Day 01		Year 95	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name				Signature				Month		Day		Year	
19. Discrepancy Indication Space													
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name				Signature				Month		Day		Year	

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

24032945

GENERATOR

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. C A L 0 0 0 1 4 3 4 8 6		Manifest Document No.		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.							
3. Generator's Name and Mailing Address PYRAMID SERVICES INC. - AIR FORCE PLANT #42 2501 EAST AVENUE 'E' PALMDALE, CA 93550						A. State Manifest Document Number 24032945									
4. Generator's Phone (661) 272-6720						B. State Generator's ID									
5. Transporter 1 Company Name DUMMIE						C. State Transporter's ID (Reserved)									
6. US EPA ID Number C A L 0 0 0 3 0 0 3 1 8						D. Transporter's Phone (661) 243-6104									
7. Transporter 2 Company Name						E. State Transporter's ID (Reserved)									
8. US EPA ID Number						F. Transporter's Phone									
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT-KHF 35251 OLD SKYLINE ROAD KETTLEMAN CITY, CA 93239						G. State Facility's ID									
10. US EPA ID Number C A T 0 0 0 6 4 6 1 1 7						H. Facility's Phone (559) 386-9711									
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) a. NON-RCRA HAZARDOUS WASTE SOLID (LEAD)						12. Containers		13. Total Quantity	14. Unit Wt/Vol	15. Waste Number					
						No.	Type								
						0	0	1	0	0	0	1	0	7	State 611
															EPA/Other N/A
															State
															EPA/Other
															State
															EPA/Other
															State
															EPA/Other
16. Additional Descriptions for Materials Listed Above 1) IN KETTLEMAN CITY SOFT WITH LEAD						K. Handling Codes for Wastes Listed Above									
						a.		b.							
						c.		d.							
17. Special Handling Instructions and Additional Information 1-800-424-9300 SITE: SAME AS ABOVE ( FORMER BURN PIT) WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING															
18. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.															
Printed/Typed Name Ed Sashon			Signature [Signature]			Month 6		Day 30		Year 1995					
17. Transporter 1 Acknowledgement of Receipt of Materials															
Printed/Typed Name			Signature			Month		Day		Year					
18. Transporter 2 Acknowledgement of Receipt of Materials															
Printed/Typed Name HARPOD INC			Signature [Signature]			Month 6		Day 30		Year 1995					
19. Discrepancy Indication Space															
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.															
Printed/Typed Name			Signature			Month		Day		Year					

DO NOT WRITE BELOW THIS LINE.

UNIFORM HAZARDOUS  
WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1

Information in the shaded areas  
is not required by Federal law.

CAL000143006

of 1

A. State Manifest Document Number  
24032947

3. Generator's Name and Mailing Address  
PYRAMID SERVICES INC. - AIR FORCE PLANT #42  
2501 EAST AVENUE "B"  
PALMDALE, CA 93550  
4. Generator's Phone (661) 272-6720

B. State Generator's ID

C. State Transporter's ID (Reserved)

D. Transporter's Phone

E. State Transporter's ID (Reserved)

F. Transporter's Phone

5. Transporter 1 Company Name

6. US EPA ID Number

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address  
CHEMICAL WASTE MANAGEMENT-KHF  
35251 OLD SKYLINE ROAD  
MUSTLEMAN CITY, CA 93239

10. US EPA ID Number

G. State Facility's ID

H. Facility's Phone

(559) 386-9711

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers

13. Total

14. Unit

1. Waste Number

a. NON-FLAMMABLE HAZARDOUS WASTE SOLID (LEAD)

No.

Type

Quantity

Wt/Vol

State

0 0 1

D T

0 0 0 1 0

Y

EPA/Other

b.

c.

d.

State

EPA/Other

State

EPA/Other

State

EPA/Other

15. Special Handling Instructions and Additional Information 1-800-424-9300

K. Handling Codes for Wastes Listed Above

a.

b.

c.

d.

SITE: SAME AS ABOVE ( FORMER BURN PIT)

WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING

TRK # 203

LIC # 9024975

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

Ed Sartin

Signature

[Signature]

Month

Day

Year

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Wendy Heath

Signature

[Signature]

Month

Day

Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month

Day

Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month

Day

Year

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address PYRAMID SERVICES INC. - AIR FORCE PLANT #42 2501 EAST AVENUE 'E' PALMDALE, CA 93550		4. Generator's Phone (661) 272-6720		A. State Manifest Document Number 24032948	
5. Transporter 1 Company Name CARV GAREHAM TAYLOR		6. US EPA ID Number PA220002138813		B. State Generator's ID [Blank]	
7. Transporter 2 Company Name		8. US EPA ID Number		C. State Transporter's ID [Reserved]	
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT-RHE 35251 OLD SKYLINE ROAD KETTERMAN CITY, CA 93239		10. US EPA ID Number CA1T0006461117		D. Transporter's Phone 587-7430	
				E. State Transporter's ID [Reserved]	
				F. Transporter's Phone	
				G. State Facility's ID	
				H. Facility's Phone (559) 386-9711	
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No. Type		13. Total Quantity	14. Unit Wt/Vol
a. NON-RCRA HAZARDOUS WASTE SOLID (LEAD)		001 D T		00015	Y
b.					
c.					
d.					
15. Additional Description of Materials Listed Above SOFT WITH LEAD		K. Handling Codes for Wastes Listed Above			
		a. b.			
		c. d.			
16. SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION 1-800-424-9300					
SITE: SAME AS ABOVE ( FORMER BURN PIT) WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Ed Jackson		Signature [Signature]		Month Day Year 01/31/15	
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed/Typed Name CARV GAREHAM TAYLOR		Signature [Signature]	
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed/Typed Name		Signature	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.		Printed/Typed Name		Signature	
				Month Day Year	

DO NOT WRITE BELOW THIS LINE.

24032949  
IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802: WITHIN CALIFORNIA, CALL 1-800-852-7550

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. C A L 0 0 0 1 4 3 4 8 6		Manifest Document No.		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.			
3. Generator's Name and Mailing Address FORAMID SERVICES INC. - AIR FORCE PLANT #42 2501 EAST AVENUE 'P' PALMDALE, CA 93550 4. Generator's Phone (661) 272-6720						A. State Manifest Document Number <b>24032949</b>					
5. Transporter 1 Company Name <i>Holmes Trucking</i>						B. State Generator's ID					
6. US EPA ID Number C A L 0 0 0 0 9 1 4 2 1						C. State Transporter's ID (Reserved)					
7. Transporter 2 Company Name						D. Transporter's Phone					
8. US EPA ID Number						E. State Transporter's ID (Reserved)					
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT-KRT 35251 OLD SKYLINE ROAD RETIEMAN CITY, CA 93239						F. Transporter's Phone					
10. US EPA ID Number C A L 0 0 0 0 6 4 6 1 1 7						G. State Facility's ID					
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) a. <del>NON-FLAM HAZARDOUS WASTE SOLID (LEAD)</del>						12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol	
						0 0 1 D T		0 0 0 1 0		I	
b.										I. Waste Number State 611 EPA/Other N/A	
c.										State EPA/Other	
d.										State EPA/Other	
J. Additional Description for Materials Listed Above SOLID WITH LEAD						K. Handling Codes for Wastes Listed Above					
						a. b.					
						c. d.					
15. Special Handling Instructions and Additional Information 1-800-424-9300 SITE: SAME AS ABOVE ( FORMER BURN PIT) WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING											
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.											
Printed/Typed Name <i>Ed Jackson</i>						Signature <i>[Signature]</i>			Month Day Year 0 3 0 1 0 3		
17. Transporter 1 Acknowledgement of Receipt of Materials											
Printed/Typed Name <i>[Signature]</i>						Signature <i>[Signature]</i>			Month Day Year 0 3 0 1 0 3		
18. Transporter 2 Acknowledgement of Receipt of Materials											
Printed/Typed Name						Signature			Month Day Year		
19. Discrepancy Indication Space											
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.											
Printed/Typed Name						Signature			Month Day Year		

DO NOT WRITE BELOW THIS LINE.



IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address PYRAMID SERVICES INC. - AIR FORCE PLANT #42 2501 EAST AVENUE 'F' PALMDALE, CA 93550 4. Generator's Phone (881) 272-6720			A. State/Manifest Document Number 24032350		
5. Transporter 1 Company Name Pike & Sons			6. US EPA ID Number CA120000143486	C. State/Transporter's ID [Reserved]	D. Transporter's Phone 609 12 69
7. Transporter 2 Company Name			8. US EPA ID Number	E. State/Transporter's ID [Reserved]	F. Transporter's Phone
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT-KHE 35251 OLD SKYLINE ROAD KETTERMAN CITY, CA 93239			10. US EPA ID Number CAT0000645117	G. State/Facility's ID	H. Facility's Phone (559) 386-9711
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number State EPA/Other
a. NON-PCRA HAZARDOUS WASTE SOLID (LEAD)		0 0 1 D T U U U 1 B		Y	611 N/A
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other
J. Additional Description for Materials Listed Above a. FRACTIONAL DISTILLATION SOLID WITH LEAD 2A28112			K. Handling Codes for Wastes Listed Above a. b. c. d.		
15. Special Handling Instructions and Additional Information IN CASE OF EMERGENCY CALL 1-800-424-9300 SITE: SAME AS ABOVE ( FORMER BURN PIT) WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Ed Gordon		Signature [Signature]		Month Day Year 03/11/05	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name [Signature]		Signature [Signature]		Month Day Year 03/01/05	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name		Signature		Month Day Year	

DO NOT WRITE BELOW THIS LINE.



IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802: WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.		Manifest Document No.		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address PYRAMID SERVICES INC. - AIR FORCE PLANT #42 2501 EAST AVENUE 'P' PALMDALE, CA 93550				4. Generator's Phone (661) 272-6720		A. State/Manifest Document Number 24032952			
5. Transporter 1 Company Name JUNIOR'S KITCHEN				6. US EPA ID Number KAT0000646117		B. State Generator's ID			
7. Transporter 2 Company Name				8. US EPA ID Number		C. State/Transporter's ID (Reserved)			
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT-KHT 35251 OLD SKYLINE ROAD KETTLEMAN CITY, CA 93239				10. US EPA ID Number		D. Transporter's Phone (559) 343-70-53			
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)				12. Containers		13. Total Quantity		14. Unit Wt/Vol	
a. NON-FLAMMABLE HAZARDOUS WASTE, SOLID (LEAD)				No. Type		Quantity		I. Waste Number	
				001 0T 000018		Y		State 611	
								EPA/Other N/A	
b.								State	
								EPA/Other	
c.								State	
								EPA/Other	
d.								State	
								EPA/Other	
15. Special Handling Instructions and Additional Information SITE: SAME AS ABOVE ( FORMER BURN PIT) WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING				K. Handling Codes for Wastes Listed Above					
				a.		b.			
				c.		d.			
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.									
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.									
Printed/Typed Name Ed Garcia				Signature [Signature]				Month Day Year 5/3/01/05	
17. Transporter 1 Acknowledgement of Receipt of Materials									
Printed/Typed Name JUNIOR'S KITCHEN				Signature [Signature]				Month Day Year 5/3/01/05	
18. Transporter 2 Acknowledgement of Receipt of Materials									
Printed/Typed Name				Signature				Month Day Year	
19. Discrepancy Indication Space									
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.									
Printed/Typed Name				Signature				Month Day Year	

DO NOT WRITE BELOW THIS LINE.

24032953  
IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address ETANID SERVICES INC. - AIR FORCE PLANT #42 2501 EAST AVENUE 'B' PALMDALE, CA 93550		4. Generator's Phone (661) 272-6720	A. State Manifest Document Number 24032953		
5. Transporter 1 Company Name EF Trucking		6. US EPA ID Number CA4000273292	B. State Generator's ID		
7. Transporter 2 Company Name		8. US EPA ID Number	C. State Transporter's ID [Reserved]		
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT-RID 35251 OLD SKYLINE ROAD KETTLERMAN CITY, CA 93239		10. US EPA ID Number CA10000646117	D. Transporter's Phone 661 619 9352		
			E. State Transporter's ID [Reserved]		
			F. Transporter's Phone		
			G. State Facility's ID		
			H. Facility's Phone (559) 386-9711		
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol	15. Waste Number
a. RCRA HAZARDOUS WASTE SOLID (LEAD)		0 0 1 B T	0 0 0 1 8	Y	State 611 EPA/Other N/A
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other
16. Additional Descriptions for Materials Listed Above 31. 100% PURE LEAD SOLID WITH LEAD		K. Handling Codes for Wastes Listed Above			
		a. b.			
		c. d.			
17. Special Handling Instructions and Additional Information 1-800-424-9300					
SITE: SAME AS ABOVE ( FORMER BURN PIT) WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Ed Jackson		Signature [Signature]		Month Day Year 03 01 01	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Miguel Romero		Signature [Signature]		Month Day Year 03 01 01	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name Signature Month Day Year					

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address PYRAMID SERVICES INC. - AIR FORCE PLANT #42 2501 EAST AVENUE 'P' BALMDALE, CA 93550 4. Generator's Phone (651) 272-6720		5. Transporter 1 Company Name C & K Trucking		A. State Manifest Document Number 24032955	
6. US EPA ID Number CA1000124348K		7. Transporter 2 Company Name		B. State Generator's ID	
8. US EPA ID Number		9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT-EHF 35251 OLD SKYLINE ROAD KETTLEMAN CITY, CA 93239		C. State Transporter's ID [Reserved]	
10. US EPA ID Number CA1000646117		11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) a. NON-RCRA HAZARDOUS WASTE SOLID (LEAD)		D. Transporter's Phone (916) 977-3809	
12. Containers No. Type		13. Total Quantity		E. State Transporter's ID [Reserved]	
14. Unit Wt/Vol		15. Waste Number		F. Transporter's Phone	
16. State		17. EPA/Other		G. State Facility's ID	
18. State		19. EPA/Other		H. Facility's Phone (559) 386-9711	
19. State		20. EPA/Other			
20. State		21. EPA/Other			
21. State		22. EPA/Other			
22. State		23. EPA/Other			
23. State		24. EPA/Other			
24. State		25. EPA/Other			
25. State		26. EPA/Other			
26. State		27. EPA/Other			
27. State		28. EPA/Other			
28. State		29. EPA/Other			
29. State		30. EPA/Other			
30. State		31. EPA/Other			
31. State		32. EPA/Other			
32. State		33. EPA/Other			
33. State		34. EPA/Other			
34. State		35. EPA/Other			
35. State		36. EPA/Other			
36. State		37. EPA/Other			
37. State		38. EPA/Other			
38. State		39. EPA/Other			
39. State		40. EPA/Other			
40. State		41. EPA/Other			
41. State		42. EPA/Other			
42. State		43. EPA/Other			
43. State		44. EPA/Other			
44. State		45. EPA/Other			
45. State		46. EPA/Other			
46. State		47. EPA/Other			
47. State		48. EPA/Other			
48. State		49. EPA/Other			
49. State		50. EPA/Other			
50. State		51. EPA/Other			
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55. State		56. EPA/Other			
56. State		57. EPA/Other			
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UNIFORM HAZARDOUS  
WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1

Information in the shaded areas  
is not required by Federal law.

C A T 0 0 0 1 6 4 6 1 1 7

of

3. Generator's Name and Mailing Address

PIRANIO SERVICES INC. - AIR FORCE PLANT #42

2501 EAST AVENUE 'E'

FALMOUTH, CA 93560

4. Generator's Phone (559) 272-6720

A. State Manifest Document Number

24032956

B. State Generator's ID

C. State Transporter's ID [Reserved]

D. Transporter's Phone

(209) 992-6197

E. State Transporter's ID [Reserved]

F. Transporter's Phone

9. Designated Facility Name and Site Address

CHEMICAL WASTE MANAGEMENT-KIT

35251 OLD SKYLINE ROAD

KETTLEMAN CITY, CA 93239

10. US EPA ID Number

C A T 0 0 0 6 4 6 1 1 7

G. State Facility's ID

H. Facility's Phone

(559) 386-9711

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers

No.

Type

13. Total

Quantity

14. Unit

Wt/Vol

15. Waste Number

a. NON-RCRA HAZARDOUS WASTE SOLID (LEAD)

0 0 2

D T

0 0 0 1 8

Y

State

611

EPA/Other

N/A

b.

State

EPA/Other

c.

State

EPA/Other

d.

State

EPA/Other

1. Additional Descriptions for Materials Listed Above

a) PROFILE#EC6313 SOIL WITH LEAD

K. Handling Codes for Wastes Listed Above

a.

b.

c.

d.

15. Special Handling Instructions and Additional Information

a) IN CASE OF EMERGENCY CALL 1-800-424-9300

SITE: SAME AS ABOVE ( FORMER BURN PIT)

WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

Signature

Month

Day

Year

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month

Day

Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month

Day

Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month

Day

Year

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.		Manifest Document No.		2. Page 1 of		Information in the shaded areas is not required by Federal law.					
3. Generator's Name and Mailing Address PYRAMID SERVICES INC. - AIR FORCE PLANT #02 2501 EAST AVENUE 'P' PALMDALE, CA 93550 4. Generator's Phone (661) 332-6720						A. State Manifest Document Number 24032957							
5. Transporter 1 Company Name Citicorp Trucking						6. US EPA ID Number CA0000011111111111		C. State Transporter's ID (Reserved)					
7. Transporter 2 Company Name						8. US EPA ID Number		D. Transporter's Phone (559) 977-5902					
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT-KBT 35251 OLD SKYLINE ROAD KETTLEMAN CITY, CA 93239						10. US EPA ID Number CA000006463117		E. State Facility's ID (559) 385-9711					
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) a. NON-RCRA HAZARDOUS WASTE SOLID (LEAD) b. c. d.						12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol		15. Waste Number State EPA/Other	
						001 OT 00018		Y		Y		N/A	
												State EPA/Other	
												State EPA/Other	
												State EPA/Other	
J. Additional Descriptions for Materials Listed Above a) PROFILE#DC6313 SOIL WITH LEAD						K. Handling Codes for Wastes Listed Above a. b. c. d.							
15. Special Handling Instructions and Additional Information a) IN CASE OF EMERGENCY CALL 1-800-424-9300  SITE: SAME AS ABOVE ( FORMER BURN PIT) WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING													
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.													
Printed/Typed Name P. S. G. S. K.				Signature P. S. G. S. K.				Month Day Year 03/01/95					
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Robert G. G. G.				Signature Robert G. G. G.				Month Day Year 03/01/95					
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name				Signature				Month Day Year					
19. Discrepancy Indication Space													
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name				Signature				Month Day Year					

DO NOT WRITE BELOW THIS LINE.

UNIFORM HAZARDOUS  
WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1

Information in the shaded areas  
is not required by Federal law.

C A T 0 0 0 1 A 3 A S F

of

3. Generator's Name and Mailing Address

PYRAMID SERVICES INC. - AIR FORCE PLANT #42  
2501 EAST AVENUE 'P'  
PALMDALE, CA 93550  
4. Generator's Phone (661) 272-6720

A. State Manifest Document Number

24032358

B. State Generator's ID

C. State Transporter's ID (Reserved)

D. Transporter's Phone

E. State Transporter's ID (Reserved)

F. Transporter's Phone

9. Designated Facility Name and Site Address

CHEMICAL WASTE MANAGEMENT-KHF  
35251 OLD SKYLINE ROAD  
KETTLEMAN CITY, CA 93239

10. US EPA ID Number

C A T 0 0 0 6 4 5 1 1 7

G. State Facility's ID

H. Facility's Phone

(559) 386-9711

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers  
No. Type

13. Total  
Quantity

14. Unit  
Wt/Vol

15. Waste Number

a. NON-NCRA HAZARDOUS WASTE SOLID (LEAD)

0 0 1

D

T

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1

8

Y

State  
611

EPA/Other  
N/A

b.

State

EPA/Other

c.

State

EPA/Other

d.

State

EPA/Other

J. Additional Descriptions for Materials Listed Above

a) PROFILE#105313 SOIL WITH LEAD

K. Handling Codes for Wastes Listed Above

a.

b.

c.

d.

15. Special Handling Instructions and Additional Information

a) IN CASE OF EMERGENCY CALL 1-800-424-9300

SITE: SAME AS ABOVE ( FORMER BURN PIT)

WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

Signature

Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

DO NOT WRITE BELOW THIS LINE.



IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802. WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address PYRAMID SERVICES INC. - AIR FORCE PLANT #40 2501 EAST AVENUE 'P' PALMDALE, CA 93550 4. Generator's Phone (661) 272-6720			A. State Manifest Document Number: 24032959		
5. Transporter 1 Company Name AVALON TRUCKING			6. US EPA ID Number CA000000000000000000	B. State Generator's ID	
7. Transporter 2 Company Name			8. US EPA ID Number	C. State Transporter's ID (Reserved)	
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT-KNF 35251 OLD SKYLINE ROAD KETTLEMAN CITY, CA 93239			10. US EPA ID Number CA000000000000000000	D. Transporter's Phone (760) 861-8800	
				E. State Transporter's ID (Reserved)	
				F. Transporter's Phone	
				G. State Facility's ID	
				H. Facility's Phone (559) 386-9711	
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. NON-RCRA HAZARDOUS WASTE SOLID (LEAD)		001 0T 000010	Y		State 511 EPA/Other N/A
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other
J. Additional Descriptions for Materials Listed Above a) PROFILE#EC6313 SOIL WITH LEAD			K. Handling Codes for Wastes Listed Above		
			a. b.		
			c. d.		
15. Special Handling Instructions and Additional Information a) IN CASE OF EMERGENCY CALL 1-800-424-9300  SITE: SAME AS ABOVE ( FORMER BURN PIT) WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name T. J. Sutton		Signature <i>T. J. Sutton</i>		Month Day Year 03 01 00	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name William J. Jones		Signature <i>William J. Jones</i>		Month Day Year 03 01 00	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name		Signature		Month Day Year	

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address EXTENDED SERVICES INC. - AIR FORCE PLANT #42 2501 EAST AVENUE 'F' DALNDALE, CA 93550 4. Generator's Phone 562 272 6720			A. State Manifest Document Number 24032962		
5. Transporter 1 Company Name LTH Consulting			B. State Generator's ID		
6. US EPA ID Number 04126193323770			C. State Transporter's ID [Reserved]		
7. Transporter 2 Company Name			D. Transporter's Phone 19005005775		
8. US EPA ID Number			E. State Transporter's ID [Reserved]		
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT-EHE 35251 OLD SKYLINE ROAD KETTLEMAN CITY, CA 93229			F. Transporter's Phone		
10. US EPA ID Number 02120104616777			G. State Facility's ID		
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)			H. Facility's Phone 550 386 5212		
a. NON-HEPA HAZARDOUS WASTE SOLID (LEAD)			12. Containers No. 0 0 1 2	13. Total Quantity 5 0 0 1 2	14. Unit Wt/Vol 7
b.					15. Waste Number State 511 EPA/Other N/A
c.					State EPA/Other
d.					State EPA/Other
J. Additional Descriptions for Materials Listed Above a) PROFILE#EC6313 SOIL WITH LEAD			K. Handling Codes for Wastes Listed Above a. b. c. d.		
15. Special Handling Instructions and Additional Information a) IN CASE OF EMERGENCY CALL 1-800-424-9306 SITE: SAME AS ABOVE ( FORMER BURN PIT) WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING. TRH205 7A71641					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name M. Burton		Signature [Signature]		Month Day Year 7/30/05	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Harrison T. Lee		Signature [Signature]		Month Day Year 08/01/05	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name Signature Month Day Year					

DO NOT WRITE BELOW THIS LINE.

Information in the shaded areas  
is not required by Federal law.

Month	Day	Year

Yellow: GENERATOR RETAINS

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802: WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CA 5000143455	Manifest Document No.	2. Page 1 of	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address PYRAMID SERVICES INC. - AIR FORCE PLANT #42 2501 EAST AVENUE 'E' PALMDALE, CA 93550 4. Generator's Phone (561) 772-6720			A. State Manifest Document Number 24032965		
5. Transporter 1 Company Name J J Perez & Sons			B. State Generator's ID		
6. US EPA ID Number CA 1000179476			C. State Transporter's ID [Reserved]		
7. Transporter 2 Company Name			D. Transporter's Phone 993 7726		
8. US EPA ID Number			E. State Transporter's ID [Reserved]		
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT-KHF 35251 OLD SKYLINE ROAD KETTLEMAN CITY, CA 93739			F. Transporter's Phone		
10. US EPA ID Number CA T0000545117			G. State Facility's ID		
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)			H. Facility's Phone (559) 386-9711		
a. NON-FLAMMABLE HAZARDOUS WASTE SOLID (LEAD)			12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol
			0 0 1 D T 0 0 0 1 8	7	Y
b.					
c.					
d.					
J. Additional Descriptions for Materials Listed Above a) PROFILE 6313 SOIL WITH LEAD			K. Handling Codes for Wastes Listed Above		
			a. b.		
			c. d.		
15. Special Handling Instructions and Additional Information a) IN CASE OF EMERGENCY CALL 1-800-424-9300  SITE: SAME AS ABOVE ( FORMER BURN PIT) WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name J J Perez		Signature J J Perez		Month Day Year 9/30/95	
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed/Typed Name J J Perez		Signature J J Perez	
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed/Typed Name		Signature	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name		Signature		Month Day Year	

DO NOT WRITE BELOW THIS LINE.

24032966

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.		Manifest Document No.		2. Page 1 of		Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address PYRAMID SERVICES INC. - AIR FORCE PLANT #42 2501 EAST AVENUE 'B' PALMDALE, CA 93550 4. Generator's Phone (661) 272-8720				A. State Manifest Document Number 24032966		B. State Generator's ID			
5. Transporter 1 Company Name LED TRANSPORT				6. US EPA ID Number KFAIR00000934912		C. State Transporter's ID [Reserved]		D. Transporter's Phone (323) 321-5958	
7. Transporter 2 Company Name				8. US EPA ID Number		E. State Transporter's ID [Reserved]		F. Transporter's Phone	
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT-KHF 35251 OLD SKYLINE ROAD KETTLEMAN CITY, CA 93239				10. US EPA ID Number CAT00006461177		G. State Facility's ID		H. Facility's Phone (559) 386-9711	
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)				12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol	
a. NON-RCRA HAZARDOUS WASTE SOLID (LEAD)				0 0 1 D T 0 0 0 1 8		Y		Waste Number State 611 EPA/Other N/A	
b.								State EPA/Other	
c.								State EPA/Other	
d.								State EPA/Other	
J. Additional Descriptions for Materials Listed Above a) PROFILE#EC6313 SOIL WITH LEAD				K. Handling Codes for Wastes Listed Above a. b. c. d.					
15. Special Handling Instructions and Additional Information a) IN CASE OF EMERGENCY CALL 1-800-424-9300  SITE: SAME AS ABOVE ( FORMER BURN PIT) WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING				16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Paul Garton				Signature [Signature]		Month 03		Day 01	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Hector Ramirez				Signature [Signature]		Month 03		Day 01	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name				Signature		Month		Day	
19. Discrepancy Indication Space									
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name				Signature		Month		Day	

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address PYRAMID SERVICES INC. - AIR FORCE PLANT #42 2501 EAST AVENUE 'B' PALMDALE, CA 93550 4. Generator's Phone (661) 272-6720		5. Transporter 1 Company Name SUNCOAST LOGISTICS 6. US EPA ID Number CA10000147426		A. State Manifest Document Number 24032967	
7. Transporter 2 Company Name		8. US EPA ID Number		B. State Generator's ID	
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT-KEL 35251 OLD SKYLINE ROAD KETTLEMAN CITY, CA 93239 10. US EPA ID Number CAT0000546117		6. US EPA ID Number		C. State Transporter's ID [Reserved]	
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No. Type		13. Total Quantity	
a. NON-RCRA HAZARDOUS WASTE SOLID (LEAD)		001 D T		00018	
b.				Y	
c.					
d.					
J. Additional Descriptions for Materials Listed Above a. PROFILE#EC6313 SOIL WITH LEAD		K. Handling Codes for Wastes Listed Above		14. Unit Wt/Vol	
		a.		b.	
		c.		d.	
15. Special Handling Instructions and Additional Information a. IN CASE OF EMERGENCY CALL 1-800-424-9300  SITE: SAME AS ABOVE ( FORMER BURN PIT) WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING		16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.		1. Waste Number State 611 EPA/Other N/A	
Printed/Typed Name Pat Jordan		Signature [Signature]		Month Day Year 01/20/05	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name [Signature]		Signature [Signature]		Month Day Year 01/20/05	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name		Signature		Month Day Year	

DO NOT WRITE BELOW THIS LINE.

Information in the shaded areas  
is not required by Federal law.UNIFORM HAZARDOUS  
WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1

of 1

3. Generator's Name and Mailing Address

PACIFIC SERVICE INC. - AIR FORCE PLANT #42  
2501 EAST AVENUE 'P'  
PALMDALE, CA 93550

4. Generator's Phone (861) 272-6720

A. State Manifest Document Number

24032968

B. State Generator's ID

C. State Transporter's ID [Reserved]

D. Transporter's Phone

209-617-2769

E. State Transporter's ID [Reserved]

F. Transporter's Phone

G. State Facility's ID

H. Facility's Phone

(550) 386-9711

9. Designated Facility Name and Site Address

CHEMICAL WASTE MANAGEMENT-KHE  
38251 OLD SKYLINE ROAD  
FETTERMAN CITY, CA 93239

10. US EPA ID Number

CA T 0 0 0 6 4 8 1 1 7

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)

a. NON-RCRA HAZARDOUS WASTE SOLID (LEAD)

12. Containers

No.

Type

13. Total  
Quantity14. Unit  
Wt/Vol

15. Waste Number

State  
611EPA/Other  
N/A

State

EPA/Other

State

EPA/Other

State

EPA/Other

16. Additional Descriptions for Materials Listed Above

a. LEAD WITH LEAD

K. Handling Codes for Wastes Listed Above

a.

b.

c.

d.

15. Special Handling Instructions and Additional Information

a) IN CASE OF EMERGENCY CALL 1-800-424-9300

SITE: SAME AS ABOVE ( FORMER BURN PIT)

WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name

Signature

Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

DO NOT WRITE BELOW THIS LINE.

24032968  
IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550  
GENERATOR  
FACILITY

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

TRANSPORTER

FACILITY

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. CA L 0 0 0 1 4 5 4 6 0		Manifest Document No.		2. Page 1 of		Information in the shaded areas is not required by Federal law.						
3. Generator's Name and Mailing Address PYRAMID SERVICES INC. - AIR FORCE PLANT #42 2501 EAST AVENUE 'B' WATSONVILLE, CA 95558 Generator's Phone: 831-272-6720						A. State Manifest Document Number <b>24032970</b>								
						B. State Generator's ID								
5. Transporter 1 Company Name SANCHEZ TRUCKING						6. US EPA ID Number CAK000000000000000000								
7. Transporter 2 Company Name						C. State Transporter's ID [Reserved]								
						D. Transporter's Phone 323-595-4636								
8. US EPA ID Number						E. State Transporter's ID [Reserved]								
						F. Transporter's Phone								
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT-KHP 35251 OLD KEYLINE ROAD KETTLEMAN CITY, CA 95739						10. US EPA ID Number CA T 0 0 0 0 6 4 5 1 1 2 (559) 326-3777								
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers		13. Total Quantity		14. Unit Wt/Vol		15. Waste Number		
						No. Type								
a. NON-RCRA HAZARDOUS WASTE SOLID (LEAD)						0 0 1		0 7		0 0 0 1 0		7		
b.														
c.														
d.														
J. Additional Descriptions for Materials Listed Above a) PROFILE#EC6313 SOIL WITH LEAD						K. Handling Codes for Wastes Listed Above								
						a.		b.						
						c.		d.						
15. Special Handling Instructions and Additional Information a) IN CASE OF EMERGENCY CALL 1-800-424-9300  SITE: SAME AS ABOVE ( FORMER BURN PIT) WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING														
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Printed/Typed Name Ed Sanchez					Signature <i>[Signature]</i>					Month Day Year 12 12 93				
17. Transporter 1 Acknowledgement of Receipt of Materials														
Printed/Typed Name Jose A. Villar					Signature <i>[Signature]</i>					Month Day Year 01 01 94				
18. Transporter 2 Acknowledgement of Receipt of Materials														
Printed/Typed Name					Signature					Month Day Year				
19. Discrepancy Indication Space														
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.														
Printed/Typed Name					Signature					Month Day Year				

DO NOT WRITE BELOW THIS LINE.



Please print or type. Form designed for use on elite (12-pitch) typewriter.

UNIFORM HAZARDOUS  
WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1

Information in the shaded areas  
is not required by Federal law.

3. Generator's Name and Mailing Address

PYRAMID SERVICES INC. - AIR FORCE PLANT #42  
2501 EAST AVENUE 'P'  
PALMDALE, CA 93550

4. Generator's Phone (561) 272-5720

5. Transporter 1 Company Name

6. US EPA ID Number

A. State Manifest Document Number

24032972

B. State Generator's ID

C. State Transporter's ID [Reserved]

D. Transporter's Phone

E. State Transporter's ID [Reserved]

F. Transporter's Phone

G. State Facility's ID

H. Facility's Phone

9. Designated Facility Name and Site Address

CHEMICAL WASTE MANAGEMENT-KHE

36251 OLD SKYLINE ROAD

KETTLEMAN CITY, CA 93239

10. US EPA ID Number

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers

13. Total

14. Unit

1. Waste Number

a. NON-PCRA HAZARDOUS WASTE SOLID (LEAD)

No.

Type

Quantity

Wt/Vol

State

0 0 1

D T

0 0 0 1 5

Y

EPA/Other

b.

c.

d.

State

EPA/Other

State

EPA/Other

State

EPA/Other

State

EPA/Other

J. Additional Descriptions for Materials Listed Above

a) PROFILE#EC6313 SOIL WITH LEAD

K. Handling Codes for Wastes Listed Above

a.

b.

c.

d.

15. Special Handling Instructions and Additional Information

a) IN CASE OF EMERGENCY CALL 1-800-424-9300

SITE: SAME AS ABOVE ( FORMER BURN PIT)

WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name

Signature

Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

DO NOT WRITE BELOW THIS LINE.

24032972

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS  
WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1

Information in the shaded areas  
is not required by Federal law.

3. Generator's Name and Mailing Address

PYRAMID SERVICES INC. - AIR FORCE PLANT #42  
2501 EAST AVENUE 'F'  
PALMDALE, CA 93550  
4. Generator's Phone (661) 272-6726

A. State Manifest Document Number

24032973

B. State Generator's ID

C. State Transporter's ID (Reserved)

D. Transporter's Phone

E. State Transporter's ID (Reserved)

F. Transporter's Phone

G. State Facility's ID

H. Facility's Phone

(559) 396-9711

9. Designated Facility Name and Site Address

CHEMICAL WASTE MANAGEMENT-HEF  
35251 OLD SKYLINE ROAD  
KETTERMAN CITY, CA 93239

10. US EPA ID Number

C A T 0 0 0 6 0 6 1 1 7

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)

a. NON-RCRA HAZARDOUS WASTE SOLID (LEAD)

12. Containers  
No. Type

0 0 1 D T

13. Total  
Quantity

0 0 0 1 8

14. Unit  
Wt/Vol

Y

15. Waste Number

State 611

EPA/Other N/A

b.

c.

d.

J. Additional Descriptions for Materials Listed Above

a) PROXIM#EC6313 SOIL WITH LEAD

K. Handling Codes for Wastes Listed Above

a.

b.

c.

d.

15. Special Handling Instructions and Additional Information

a) IN CASE OF EMERGENCY CALL 1-800-424-9360

SITE: SAME AS ABOVE ( FORMER BURN PIT)

WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

Ed Seaton

Signature

[Signature]

Month

Day

Year

0 3 0 1 0 5

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

FRANCISCO ZUNIGA

Signature

[Signature]

Month

Day

Year

0 3 0 1 0 5

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month

Day

Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month

Day

Year

DO NOT WRITE BELOW THIS LINE.

**UNIFORM HAZARDOUS  
WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1

Information in the shaded areas  
is not required by Federal law.

3. Generator's Name and Mailing Address

PYRAMID SERVICES INC. - AIR FORCE PLANT #42  
2501 EAST AVENUE 'P'  
PALMDALE, CA 93550  
4. Generator's Phone (661) 272-6720

A. State Manifest Document Number

24032975

B. State Generator's ID

C. State Transporter's ID [Reserved]

D. Transporter's Phone

E. State Transporter's ID [Reserved]

F. Transporter's Phone

9. Designated Facility Name and Site Address

CHEMICAL WASTE MANAGEMENT-KHF  
35251 OLD SKYLINE ROAD  
KETITLEMAN CITY, CA 93239

10. US EPA ID Number

G. State Facility's ID

H. Facility's Phone

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers  
No. Type

13. Total  
Quantity

14. Unit  
Wt/Vol

I. Waste Number

a. NON-RCRA HAZARDOUS WASTE SOLID (LEAD)

0 0 1

D T

0 0 0 1 8

Y

State  
611

EPA/Other  
N/A

b.

c.

d.

State

EPA/Other

State

EPA/Other

State

EPA/Other

J. Additional Descriptions for Materials Listed Above

a. PROFILE#EC6312 SOIL WITH LEAD

K. Handling Codes for Wastes Listed Above

a.

b.

c.

d.

15. Special Handling Instructions and Additional Information

a. IN CASE OF EMERGENCY CALL 1-800-424-9300

SITE: SAME AS ABOVE (TRUCK WASH AREA)

WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name

Signature

Month

Day

Year

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month

Day

Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month

Day

Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month

Day

Year

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address PYRAMID SERVICES INC. - AIR FORCE PLANT #42 2501 EAST AVENUE 'B' PALMDALE, CA 91350 4. Generator's Phone (861) 272-6720		6. US EPA ID Number K125000001P1N6		A. State Manifest Document Number 24032960	
5. Transporter 1 Company Name Reyes Trucking		8. US EPA ID Number		D. Transporter's Phone (559) 934-0547	
7. Transporter 2 Company Name		10. US EPA ID Number		E. State Transporter's ID (Reserved)	
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT KHE 35251 OLD SKYLINE ROAD KETTLEMAN CITY, CA 93239		12. Containers No. Type 001 DT 000018 Y		13. Total Quantity 14. Unit Wt/Vol 15. Waste Number State 611 EPA/Other N/A	
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) a. NON-PCRA HAZARDOUS WASTE SOLID (LEAD)		16. Special Handling Instructions and Additional Information a) IN CASE OF EMERGENCY CALL 1-800-424-9300 SITE: SAME AS ABOVE ( FORMER BURN PIT) WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING		K. Handling Codes for Wastes Listed Above a. b. c. d.	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Signature Month Day Year 03/01/05		18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name Signature Month Day Year		19. Discrepancy Indication Space	
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name Signature Month Day Year					

DO NOT WRITE BELOW THIS LINE.

## **Appendix C**

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### **Laboratory Analytical Results Summary for Removal Action Confirmation Sampling**

**Appendix C**  
**Laboratory Analytical Results for Site 6**

- C1 Normal and Duplicate Samples
- C2 Quality Assurance/Quality Control Blank Samples
- C3 Matrix Spike/Matrix Spike Duplicate Samples

# Appendix C1

## Soil Sample Results for Normal and Duplicate Samples

Site 6

QAQC Type	Sample Date	Field ID	Method	Analyte	Final		RL	MDL	Units
					Final Result	Validation Flag			
N	1-Mar-05	06SFE1501	SW8081	Aldrin	2.00E-04	UM	0.0040	2.00E-04	mg/Kg
N	1-Mar-05	06SFE1501	SW8081	Dieldrin	2.00E-04	U	0.0040	2.00E-04	mg/Kg
N	1-Mar-05	06SFE1501	SW8082	PCB-1248	0.95	=	0.27	0.0050	mg/Kg
N	1-Mar-05	06SFE2001	SW8081	Aldrin	3.00E-04	F	0.0040	2.00E-04	mg/Kg
N	1-Mar-05	06SFE2001	SW8081	Dieldrin	2.00E-04	U	0.0040	2.00E-04	mg/Kg
N	1-Mar-05	06SFE2001	SW8082	PCB-1248	0.0010	U	0.050	0.0010	mg/Kg
FD	1-Mar-05	06SFE2101	SW8081	Aldrin	4.00E-04	F	0.0040	2.00E-04	mg/Kg
FD	1-Mar-05	06SFE2101	SW8081	Dieldrin	2.00E-04	U	0.0040	2.00E-04	mg/Kg
FD	1-Mar-05	06SFE2101	SW8082	PCB-1248	0.0010	U	0.050	0.0010	mg/Kg
N	1-Mar-05	06SFE3001	SW8081	Aldrin	2.00E-04	U	0.0050	2.00E-04	mg/Kg
N	1-Mar-05	06SFE3001	SW8081	Dieldrin	2.00E-04	U	0.0050	2.00E-04	mg/Kg
N	1-Mar-05	06SFE3001	SW8082	PCB-1248	0.0010	U	0.050	0.0010	mg/Kg
N	1-Mar-05	06SFE4001	SW8081	Aldrin	4.00E-04	F	0.0040	2.00E-04	mg/Kg
N	1-Mar-05	06SFE4001	SW8081	Dieldrin	2.00E-04	U	0.0040	2.00E-04	mg/Kg
N	1-Mar-05	06SFE4001	SW8082	PCB-1248	0.0010	U	0.050	0.0010	mg/Kg
N	1-Mar-05	06SFE5001	SW8081	Aldrin	2.00E-04	U	0.0040	2.00E-04	mg/Kg
N	1-Mar-05	06SFE5001	SW8081	Dieldrin	2.00E-04	U	0.0040	2.00E-04	mg/Kg
N	1-Mar-05	06SFE5001	SW8082	PCB-1248	0.0010	U	0.050	0.0010	mg/Kg
N	1-Mar-05	06SFE6001	SW8081	Aldrin	2.00E-04	U	0.0040	2.00E-04	mg/Kg
N	1-Mar-05	06SFE6001	SW8081	Dieldrin	2.00E-04	U	0.0040	2.00E-04	mg/Kg
N	1-Mar-05	06SFE6001	SW8082	PCB-1248	0.0010	U	0.050	0.0010	mg/Kg
N	1-Mar-05	06SFE7001	SW8081	Aldrin	0.0027	U	0.053	0.0027	mg/Kg
N	1-Mar-05	06SFE7001	SW8081	Dieldrin	0.0021	U	0.053	0.0021	mg/Kg
N	1-Mar-05	06SFE7001	SW8082	PCB-1248	12	=	3.3	0.056	mg/Kg
N	3-Mar-05	06SFE7002	SW8082	PCB-1248	0.077	=	0.050	0.0010	mg/Kg
N	1-Mar-05	06SFE8001	SW8081	Aldrin	2.00E-04	U	0.0040	2.00E-04	mg/Kg
N	1-Mar-05	06SFE8001	SW8081	Dieldrin	2.00E-04	U	0.0040	2.00E-04	mg/Kg
N	1-Mar-05	06SFE8001	SW8082	PCB-1248	0.0010	U	0.050	0.0010	mg/Kg
N	2-Mar-05	06SFE9001	SW8081	Aldrin	2.00E-04	U	0.0040	2.00E-04	mg/Kg
N	2-Mar-05	06SFE9001	SW8081	Dieldrin	2.00E-04	U	0.0040	2.00E-04	mg/Kg
N	2-Mar-05	06SFE9001	SW8082	PCB-1248	0.0010	U	0.050	0.0010	mg/Kg

### Notes:

#### Abbreviations

QAQC = Quality Assurance/Quality Control

N = Normal Samples

FD = Field Duplicate

MDL = Method Detection Limit

mg/Kg = milligrams per kilogram

RL = Reporting Limit

#### Data Qualifiers

"=" = Analyte was detected.

F = The analyte was positively identified, but the associated numerical value is below the reporting limit (RL).

M = A matrix effect was present.

U = Not detected.

## Appendix C2

### Quality Assurance/Quality Control Blank Samples

Site 6

QAQC Type	Sample Date	Field ID	Method	Analyte	Final Final Validation		RL	MDL	Units
					Result	Flag			
EB	1-Mar-05	06SFE1401	SW8081	Aldrin	0.0020	UR	0.10	0.0020	µg/L
EB	1-Mar-05	06SFE1401	SW8081	Dieldrin	0.0010	UR	0.10	0.0010	µg/L
EB	1-Mar-05	06SFE1401	SW8082	PCB-1248	0.070	UR	0.50	0.070	µg/L

#### Notes:

##### Abbreviations

QAQC = Quality Assurance/Quality Control

EB = Equipment Blank

MDL = Method Detection Limit

mg/Kg = milligrams per kilogram

RL = Reporting Limit

##### Data Qualifiers

U = Not detected.

R = The data are unusable due to deficiencies in the ability to analyze the sample and meet QC criteria.



### Appendix C3

#### Matrix Spike/Matrix Spike Duplicate Samples

Site 6

QAQC Type	Sample Date	Field ID	Method	Analyte	Final Final Validation		RL	MDL	Units	Recovery	Recovery Units
					Result	Flag					
MS	1-Mar-05	06SFE1501MS	SW8081	Aldrin	0.0060	M	0.0040	2.00E-04	mg/Kg	33	Percent
MS	1-Mar-05	06SFE1501MS	SW8081	Dieldrin	0.017	J	0.0040	2.00E-04	mg/Kg	94	Percent
SD	1-Mar-05	06SFE1501SD	SW8081	Aldrin	0.0076	M	0.0040	2.00E-04	mg/Kg	42	Percent
SD	1-Mar-05	06SFE1501SD	SW8081	Dieldrin	0.015	J	0.0040	2.00E-04	mg/Kg	81	Percent

#### Notes:

##### Abbreviations

QAQC = Quality Assurance/Quality Control

MS = Matrix Spike

SD = Matrix Spike Duplicate

MDL = Method Detection Limit

mg/Kg = milligrams per kilogram

RL = Reporting Limit

##### Data Qualifiers

M = A matrix effect was present.

J = The analyte was positively identified, the quantitation is an estimation.

Ms. Trish Larson  
CH2M HILL/CVO  
2300 NW Walnut BLVD.  
Corvallis, OR 97330-3538

Columbia Analytical Services Report  
Air Force Plant 42  
DE050473/DE473  
902105

March 17, 2005

Submitted by:



Bryan Jones  
Project Manager/Client Services

The test results provided in this data package meet the requirements of the NELAP Standards unless noted in the case narrative report.

Enclosures

xc: RDD Data Center

Mr. James Laws

This report contains a total of 56 pages.

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# Current CAS Redding Accreditation Programs

## Federal and National Programs

- U.S Air Force, Air Force Center for Environmental Excellence (AFCEE)  
Approved laboratory for Wastewater and Hazardous Waste
- U.S. Army Corps of Engineers – MRD, HTRW Mandatory Center of Expertise  
Validated for Wastewater and Hazardous Waste
- Department of the Navy, Naval Facilities Engineering Service Center (NFESC)  
Approved laboratory for Wastewater and Hazardous Waste

## State and Local Programs

- State of Arizona, Department of Health Services  
Approved laboratory for Hazardous Waste  
Lab ID# AZ0604
- State of Arkansas, Department of Environmental Quality  
Approved laboratory for Wastewater and Hazardous Waste  
Lab ID# None
- State of California, Department of Health Services, National Environmental Laboratory Accreditation Program (NELAP)  
Approved laboratory for Drinking Water, Wastewater and Hazardous Waste  
Lab ID# 01105CA
  - Los Angeles County Sanitation District  
Approved laboratory for Wastewater  
Lab ID# 10243
- State of Florida, Department of Health (NELAP)  
Approved Environmental Testing Laboratory for Wastewater and Hazardous Waste  
Lab ID# E87203
- State of Kansas, Department of Health and Environment (NELAP)  
Approved laboratory for Hazardous Waste  
Lab ID# E-10323
- State of Massachusetts, Department of Environmental Protection  
Approved laboratory for Drinking Water, Wastewater  
Lab ID# M-CA025
- State of Oklahoma, Department of Environmental Quality  
Approved laboratory for General Water Quality/Sludge Testing  
Lab ID# 9952
- State of Oregon, Department of Human Resources, Health Division (ORELAP)  
Approved laboratory for Drinking Water, Wastewater, and Hazardous Waste  
Lab ID# CA200004
- State of Utah, Department of Health, Division of Laboratory Services (NELAP)  
Approved laboratory for Wastewater and Hazardous Waste  
Lab ID# QUAL1
- State of Washington, Department of Ecology, Environmental Laboratory Accreditation Program  
Approved laboratory for Wastewater and Hazardous Waste  
Lab ID# C037
- State of Wisconsin, Department of Ecology  
Approved laboratory for Wastewater and Hazardous Waste  
Lab ID# 999767340

## AFCEE Data Qualifiers

<u>Qualifiers</u>	<u>Description</u>
J	The analyte was positively identified, but the quantitation is an estimation.
U	The analyte was analyzed for, but not detected. The associated numerical value is at or below the MDL.
F	The analyte was positively identified but the associated numerical value is at or below the RL.
R	The data are unusable due to deficiencies in the ability to analyze the sample and meet QC criteria.
B	The analyte was found in an associated blank, as well as in the sample.
M	A matrix effect was present.
S	To be applied to all field screening data.
T	Tentatively identified compound (using GC/MS).

Sample ID Cross-reference Table

CAS Lab Sample ID	Client Sample ID	Receive Date	Collect Date	Sample Matrix	Additional Description
FS = Field Sample; MS = Matrix Spike; MSD = Matrix Spike Duplicate; NON = Non-Sample Type (Internal Admin)					
DE473001	FS 06SFE1401	03/02/05	03/01/05	13:30	Water
DE473002	FS 06SFE1501	03/02/05	03/01/05	13:40	Soil
DE473002MS	MS 06SFE1501MS	03/02/05	03/01/05	13:40	Soil
DE473002MSD	MSD 06SFE1501MSD	03/02/05	03/01/05	13:40	Soil
DE473003	FS 06SFE2001	03/02/05	03/01/05	13:45	Soil
DE473004	FS 06SFE2101	03/02/05	03/01/05	13:50	Soil
DE473005	FS 06SFE3001	03/02/05	03/01/05	14:00	Soil
DE473006	FS 06SFE4001	03/02/05	03/01/05	14:05	Soil
DE473007	FS 06SFE5001	03/02/05	03/01/05	14:10	Soil
DE473008	FS 06SFE6001	03/02/05	03/01/05	14:15	Soil
DE473009	FS 06SFE7001	03/02/05	03/01/05	14:20	Soil
DE473010	FS 06SFE8001	03/02/05	03/01/05	14:25	Soil
DE473011	FS 04SFE1401	03/02/05	03/01/05	15:10	Water
DE473014	FS 04SFE2001	03/02/05	03/01/05	14:52	Soil
DE473015	FS 04SFE2101	03/02/05	03/01/05	14:50	Soil
DE473016	FS 04SFE4001	03/02/05	03/01/05	15:01	Soil
DE473016MS	MS 04SFE4001MS	03/02/05	03/01/05	15:01	Soil
DE473016MSD	MSD 04SFE4001MSD	03/02/05	03/01/05	15:01	Soil
DE473017	FS 04SFE5001	03/02/05	03/01/05	15:03	Soil

The above lab sample ID's and cross reference information apply to samples as received by the laboratory. Modifiers to the lab sample ID may be added for internal tracking purposes. Any modified sample ID will be reflected in the appropriate case narrative only.

## **CASE NARRATIVE**

COLUMBIA ANALYTICAL SERVICES, INC.

Client: CH2M Hill Inc.  
Project: Plant 42  
Sample Matrix: Soil/Water

Service Request No.: DE473  
Date Received: 3/2/2005

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of Columbia Analytical Services, Inc. (CAS). This report contains analytical results for samples designated for Tier III validation deliverables including summary forms for each of the analyses. When appropriate to the method, method blank results have been reported with each analytical test.

Sample Receipt

One water sample and nine soil samples were received for analysis at Columbia Analytical Services on 3/2/2005. The following discrepancies were noted upon initial sample inspection. The samples were received in good condition and consistent with the accompanying chain of custody form. The samples were stored in a refrigerator at 4°C upon receipt at the laboratory.

Total Metals

Matrix Spike Recovery Exceptions:

Matrix spike and/or matrix spike duplicate analyses that did not meet criteria were flagged with "M" per AFCEE requirements.

Organochlorine Pesticides by EPA Method 8081A

Surrogate Exceptions:

The control criteria were exceeded for the following surrogate, in sample DE473001, due to matrix interferences: Decachlorobiphenyl. A re-extraction and reanalysis was performed, but produced similar results. The results of the original analysis and the re-extraction are reported. No further corrective action was required.

The control criteria was exceeded for the following surrogates in samples DE473002, 002MS, 002MSD, 002MSRE, and 002MSDRE due to matrix interferences: Decachlorobiphenyl and Tetrachloro-m-xylene. A re-extraction and reanalysis was performed, both results are reported.

Internal Standard Exceptions:

The internal standard recovery of Pentachlorotoluene in sample DE473002, 002MS, and 002MSD were outside control criteria because of suspected matrix interference. A re-extraction and reanalysis was performed, both results are reported. The results quantified using this internal standard are flagged to indicate the problem.

Matrix Spike Recovery Exceptions:

The matrix spike recoveries of analytes for samples DE473002MS, 002MSD, 002MSRE, and 002MSDRE were outside control criteria because of suspected matrix interference. The samples were re-extracted and reanalyzed, but produced similar results. The results of the original analysis and the re-extraction are reported. No further corrective action was appropriate.

Approved by: Bryan Jones

Date: 3-17-05



**Relative Percent Difference Exceptions:**

The Relative Percent Difference (RPD) for the following analytes in the replicate matrix spike analyses of DE473002MS and 002MSD were outside control criteria: Aldrin, Delta-BHC, Heptachlor, Heptachlor Epoxide, and Toxaphene. A re-extraction and reanalysis was performed, both results are reported. No further corrective action was appropriate.

**Lab Control Sample Exceptions:**

The control criterion was exceeded for the following analyte(s) in Laboratory Control Sample (LCS) PWB10302LCS: Alpha-BHC, Delta-BHC, Endosulfan Sulfate, and Endrin Aldehyde. Since the problem may indicate a potential bias in the analytical batch, all associated field samples were re-extracted and reanalyzed within hold time. The LCS met control criteria for the reanalysis. Note the results for the field samples were comparable for both determinations, which indicates the problem with the initial analysis was restricted to the LCS. Both sets of results are reported. An "RE" suffix is appended to the sample name to designate the results from the reanalysis. The data is flagged to indicate the problem.

**Elevated Method Reporting Limits:**

Sample DE473009 required a dilution due to the presence of the following elevated non-target analyte: Aroclor 1248. The reporting limits are adjusted to reflect the dilution.

**PCB Aroclors by EPA Method 8082****Surrogate Exceptions:**

The control criteria were exceeded for the following surrogate in sample DE473001 due to matrix interferences: Decachlorobiphenyl. A re-extraction and reanalysis was performed, but produced similar results. The results of both analysis are reported. No further corrective action was required.

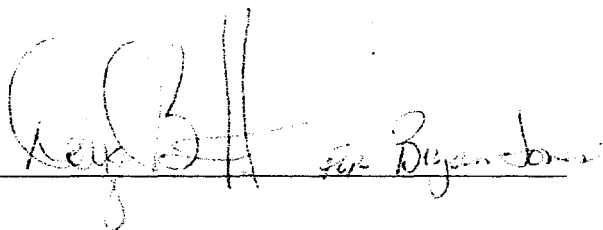
**Matrix Spike Recovery Exceptions:**

The matrix spike recovery of Aroclor 1260 for DE473002MS and 002MSD were outside control criteria because of matrix interference. The chromatogram indicated the presence of Aroclor 1248, which prevented accurate quantitation of the target analytes. The problem stems from common peaks for Aroclor 1260 and 1248. Complete resolution of these two Aroclors is not possible, so a portion of Aroclor 1248 is unavoidably quantitated as Aroclor 1260. The net effect is a high bias to the value reported for Aroclor 1260 when this situation occurs. No further corrective action was appropriate.

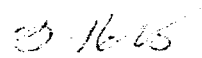
**Elevated Method Reporting Limits:**

Samples DE473002, 002MS, 002MSD, and 009 required dilution due to the presence of elevated levels of Aroclor 1248. The reporting limits are adjusted to reflect the dilution.

Approved by:



Date:



## **CHAIN OF CUSTODY DOCUMENTATION**

# CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

5990 Caterpillar Road • Redding, CA 96003 • (530) 244-5227 • 800-695-7222 x10 • FAX (530) 244-4109

#####

SR #

CAS Contact	DE 473
-------------	--------

PAGE 1 OF 2

[illegible]



**COOLER RECEIPT FORM**

Project/Client: AFP 42 / CH2M HILL Batch No.: DE 473

1. Cooler(s)/Sample(s) received on: 3/2/05 Shipped via: FX

Shipping Bill # (s): 8511 4135 3770 # of Coolers/Packages 1

2. Radiological Screening by: A. Sanchez Acceptable YES Rejected NO

3. Custody seals on outside of cooler:  
If yes, where? Front L Rear    Lt Side    Rt Side   

Seals intact: YES NO

**COOLER/SAMPLE PROCESSING**

4. Sample Processing/Tagging by: A. Sanchez

5. Cooler(s)/Sample(s) Temp's: 2°C  
(or)  
Temp. Blank (if included):   

6. Type of packing material (circle): Ice Blue Ice Bubble Wrap Bubble Bags Zip Locks Webbing  
Other:   

7. Custody papers properly filled out (ink, signed, dated, released, etc.)? YES NO

8. Containers arrived in good condition (not broken, leaking, etc.)? YES NO

9. Samples received with adequate holding time remaining to conduct analysis? YES NO

10. Container labels complete (i.e. analysis, preservation, date/time, etc.)? YES NO

11. Container labels and tags agree with custody papers? YES NO

12. Correct types of containers used for the tests indicated?  
a.) Adequate sample received? If not, note on Exception Report. YES NO

13. Containers supplied by: CAS Other   

14. Preserved containers received with the appropriate preservative?  
pH:    (or) See pH log. YES NO N/A

15. VOA vials free of air bubbles? YES NO N/A

16. Trip Blank preparation date:    CAS Other N/A

17. Volatile Soil samples: Encores or Plugs in Vials  
Freezer or GC/MS Date:    Time: N/A

See Exception Report for discrepancies.

## GC ORGANOCHLORINE PESTICIDES



AFCEE  
ORGANIC ANALYSES DATA SHEET 2  
RESULTS

AFCEE QAPP  
Version 3.1  
August 2001

Analytical Method: SW8081A Preparatory Method: SW3520 AAB #: DE473

Lab Name: Columbia Analytical Services/Redding Contract #: F41624-03-D-8595

Field Sample ID: O6SFE1401 Lab Sample ID: DE473001 Matrix: Water

% Solids: \_\_\_\_\_ Initial Calibration ID: 03/10/05GCD

Date Received: 03/02/05 Date Prepared: 03/02/05 Date Analyzed: 03/12/05

Concentration Units (ug/L or mg/Kg dry weight): ug/L Sample Volume: 1.000 L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
4,4'-DDD	0.01	0.1	0.01	1		R
4,4'-DDE	0.003	0.1	0.003	1		R
4,4'-DDT	0.004	0.1	0.004	1		R
$\alpha$ -BHC	0.004	0.1	0.004	1		R
$\alpha$ -Chlordane	0.002	0.1	0.002	1		R
Aldrin	0.002	0.1	0.002	1		R
$\beta$ -BHC	0.003	0.1	0.003	1		R
$\delta$ -BHC	0.002	0.1	0.002	1		R
Dieldrin	0.001	0.1	0.001	1		R
Endosulfan I	0.002	0.1	0.002	1		R
Endosulfan II	0.004	0.1	0.004	1		R
Endosulfan Sulfate	0.003	0.1	0.003	1		R
Endrin	0.002	0.1	0.002	1		R
Endrin Aldehyde	0.01	0.1	0.01	1		R
$\gamma$ -BHC (Lindane)	0.002	0.1	0.002	1		R
$\gamma$ -Chlordane	0.002	0.1	0.002	1		R
Heptachlor	0.01	0.1	0.01	1		R
Heptachlor Epoxide	0.002	0.1	0.002	1		R
Methoxychlor	0.01	0.5	0.01	1		R
Toxaphene	0.10	1.0	0.10	1		R

Surrogate	Recovery	Control Limits	Qualifier
DCBP	27	32-135	*
TCMX	94	33-138	

Comments:

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AFCEE  
ORGANIC ANALYSES DATA SHEET 2  
RESULTS

AFCEE QAPP  
Version 3.1  
August 2001

Analytical Method: SW8081A Preparatory Method: SW3520 AAB #: DE473

Lab Name: Columbia Analytical Services/Redding Contract #: F41624-03-D-8595

Field Sample ID: O6SFE1401RE Lab Sample ID: DE473001RE Matrix: Water

% Solids: \_\_\_\_\_ Initial Calibration ID: 03/10/05GCD

Date Received: 03/02/05 Date Prepared: 03/07/05 Date Analyzed: 03/12/05

Concentration Units (ug/L or mg/Kg dry weight): ug/L Sample Volume: 1.020 L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
4,4'-DDD	0.01	0.1	0.01	1		R
4,4'-DDE	0.003	0.1	0.003	1		R
4,4'-DDT	0.004	0.1	0.004	1		R
α-BHC	0.004	0.1	0.004	1		R
α-Chlordane	0.002	0.1	0.002	1		R
Aldrin	0.002	0.1	0.002	1		R
β-BHC	0.003	0.1	0.003	1		R
δ-BHC	0.002	0.1	0.002	1		R
Dieldrin	0.001	0.1	0.001	1		R
Endosulfan I	0.002	0.1	0.002	1		R
Endosulfan II	0.004	0.1	0.004	1		R
Endosulfan Sulfate	0.003	0.1	0.003	1		R
Endrin	0.002	0.1	0.002	1		R
Endrin Aldehyde	0.01	0.1	0.01	1		R
γ-BHC (Lindane)	0.002	0.1	0.002	1		R
γ-Chlordane	0.002	0.1	0.002	1		R
Heptachlor	0.01	0.1	0.01	1		R
Heptachlor Epoxide	0.002	0.1	0.002	1		R
Methoxychlor	0.01	0.5	0.01	1		R
Toxaphene	0.10	1.0	0.10	1		R

Surrogate	Recovery	Control Limits	Qualifier
DCBP	29	32-135	*
TCMX	94	33-138	

Comments:

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AFCEE  
ORGANIC ANALYSES DATA SHEET 2  
RESULTS

AFCEE QAPP  
Version 3.1  
August 2001

Analytical Method: SW8081A Preparatory Method: SW3550 AAB #: DE473

Lab Name: Columbia Analytical Services/Redding Contract #: F41624-03-D-8595

Field Sample ID: O6SFE1501 Lab Sample ID: DE473002 Matrix: Soil

% Solids: 92 Preparation Factor: 1 Initial Calibration ID: 03/10/05GCD

Date Received: 03/02/05 Date Prepared: 03/02/05 Date Analyzed: 03/12/05

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg Sample Weight: 30.09 G

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
4,4'-DDD	0.0002	0.004	0.0002	1		R
4,4'-DDE	0.0001	0.004	<b>0.0066</b>	1	<b>0.0029</b>	J
4,4'-DDT	0.0001	0.004	0.0001	1		R
α-BHC	0.0001	0.004	0.0001	1		R
α-Chlordane	0.0001	0.004	0.0002	1		R
Aldrin	0.0002	0.004	0.0002	1		R
β-BHC	0.0002	0.004	0.0002	1		R
δ-BHC	0.0001	0.004	<b>0.0216</b>	1	<b>0.0230</b>	M
Dieldrin	0.0002	0.004	0.0002	1		R
Endosulfan I	0.0002	0.004	0.0002	1		R
Endosulfan II	0.0002	0.004	0.0002	1		R
Endosulfan Sulfate	0.0003	0.004	0.0003	1		R
Endrin	0.0002	0.004	0.0002	1		R
Endrin Aldehyde	0.0002	0.004	0.0003	1		R
γ-BHC (Lindane)	0.0001	0.004	0.0002	1		R
γ-Chlordane	0.0001	0.004	0.0002	1		R
Heptachlor	0.0001	0.004	0.0001	1		R
Heptachlor Epoxide	0.0001	0.004	0.0001	1		R
Methoxychlor	0.0002	0.02	0.0002	1		R
Toxaphene	0.004	0.10	0.005	1		R

Surrogate	Recovery	Control Limits	Qualifier
DCBP	55	56-132	*
TCMX	64	69-124	*

Comments:

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AFCEE  
ORGANIC ANALYSES DATA SHEET 2  
RESULTS

AFCEE QAPP  
Version 3.1  
August 2001

Analytical Method: SW8081A Preparatory Method: SW3550 AAB #: DE473

Lab Name: Columbia Analytical Services/Redding Contract #: F41624-03-D-8595

Field Sample ID: O6SFE1501MS Lab Sample ID: DE473002MS Matrix: Soil

% Solids: 92 Preparation Factor: 1 Initial Calibration ID: 03/10/05GCD

Date Received: 03/02/05 Date Prepared: 03/02/05 Date Analyzed: 03/12/05

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg Sample Weight: 30.00 G

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
4,4'-DDD	0.0002	0.004	0.0136	1		J
4,4'-DDE	0.0001	0.004	0.0201	1		J
4,4'-DDT	0.0001	0.004	0.0123	1		J
α-BHC	0.0001	0.004	0.0108	1		M
α-Chlordane	0.0001	0.004	0.0207	1		J
Aldrin	0.0002	0.004	0.0495	1		M
β-BHC	0.0002	0.004	0.0137	1		J
δ-BHC	0.0001	0.004	0.0581	1		M
Dieldrin	0.0002	0.004	0.0171	1		J
Endosulfan I	0.0002	0.004	0.0233	1		J
Endosulfan II	0.0002	0.004	0.0212	1		M
Endosulfan Sulfate	0.0003	0.004	0.0118	1		M
Endrin	0.0002	0.004	0.0155	1		J
Endrin Aldehyde	0.0002	0.004	0.0109	1		J
γ-BHC (Lindane)	0.0001	0.004	0.0160	1		J
γ-Chlordane	0.0001	0.004	0.0445	1		M
Heptachlor	0.0001	0.004	0.0496	1		M
Heptachlor Epoxide	0.0001	0.004	0.0452	1		M
Methoxychlor	0.0002	0.02	0.011	1		M

Surrogate	Recovery	Control Limits	Qualifier
DCBP	42	56-132	*
TCMX	57	69-124	*

Comments:

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***AFCEE QAPP***  
***Version 3.1***  
***August 2001***

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg Sample Weight: 30.01 G

Surrogate	Recovery	Control Limits	Qualifier
DCBP	36	56-132	*
TCMX	54	69-124	*

AFCEE  
ORGANIC ANALYSES DATA SHEET 2  
RESULTS

AFCEE QAPP  
Version 3.1  
August 2001

Analytical Method: SW8081A Preparatory Method: SW3550 AAB #: DE473

Lab Name: Columbia Analytical Services/Redding Contract #: F41624-03-D-8595

Field Sample ID: O6SFE1501MSD Lab Sample ID: DE473002MSD Matrix: Soil

% Solids: 92 Preparation Factor: .99 Initial Calibration ID: 03/10/05GCD

Date Received: 03/02/05 Date Prepared: 03/02/05 Date Analyzed: 03/12/05

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg Sample Weight: 30.18 G

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
4,4'-DDD	0.0002	0.004	0.0129	1		J
4,4'-DDE	0.0001	0.004	0.0190	1		J
4,4'-DDT	0.0001	0.004	0.0103	1		J
α-BHC	0.0001	0.004	0.0099	1		M
α-Chlordane	0.0001	0.004	0.0150	1		J
Aldrin	0.0002	0.004	0.0076	1		M
β-BHC	0.0002	0.004	0.0164	1		J
δ-BHC	0.0001	0.004	0.0201	1		M
Dieldrin	0.0002	0.004	0.0146	1		J
Endosulfan I	0.0002	0.004	0.0164	1		J
Endosulfan II	0.0002	0.004	0.0234	1		M
Endosulfan Sulfate	0.0003	0.004	0.0105	1		M
Endrin	0.0002	0.004	0.0151	1		J
Endrin Aldehyde	0.0002	0.004	0.0131	1		J
γ-BHC (Lindane)	0.0001	0.004	0.0155	1		J
γ-Chlordane	0.0001	0.004	0.0357	1		M
Heptachlor	0.0001	0.004	0.0185	1		M
Heptachlor Epoxide	0.0001	0.004	0.0254	1		M
Methoxychlor	0.0002	0.02	0.010	1		M

Surrogate	Recovery	Control Limits	Qualifier
DCBP	43	56-132	*
TCMX	58	69-124	*

Comments:

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**AFCEE QAPP**  
**Version 3.1**  
**August 2001**

Concentration Units (ug/L or mg/Kg dry weight):    mg/Kg                      Sample Weight:    30.01 G

Surrogate	Recovery	Control Limits	Qualifier
DCBP	46	56-132	*
TCMX	54	69-124	*

AFCEE  
ORGANIC ANALYSES DATA SHEET 2  
RESULTS

AFCEE QAPP  
Version 3.1  
August 2001

Analytical Method: SW8081A Preparatory Method: SW3550 AAB #: DE473

Lab Name: Columbia Analytical Services/Redding Contract #: F41624-03-D-8595

Field Sample ID: O6SFE1501RE Lab Sample ID: DE473002RE Matrix: Soil

% Solids: 92 Preparation Factor: 1 Initial Calibration ID: 03/10/05GCD

Date Received: 03/02/05 Date Prepared: 03/09/05 Date Analyzed: 03/11/05

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg Sample Weight: 30.02 G

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
4,4'-DDD	0.0002	0.004	0.0002	1		U
4,4'-DDE	0.0001	0.004	<b>0.0063</b>	1	<b>0.0027</b>	J
4,4'-DDT	0.0001	0.004	0.0001	1		U
α-BHC	0.0001	0.004	0.0001	1		M
α-Chlordane	0.0001	0.004	0.0002	1		U
Aldrin	0.0002	0.004	0.0002	1		M
β-BHC	0.0002	0.004	0.0002	1		U
δ-BHC	0.0001	0.004	0.0002	1		M
Dieldrin	0.0002	0.004	0.0002	1		U
Endosulfan I	0.0002	0.004	0.0002	1		U
Endosulfan II	0.0002	0.004	0.0002	1		M
Endosulfan Sulfate	0.0003	0.004	<b>0.0014</b>	1		M
Endrin	0.0002	0.004	0.0002	1		U
Endrin Aldehyde	0.0002	0.004	0.0003	1		U
γ-BHC (Lindane)	0.0001	0.004	0.0002	1		U
γ-Chlordane	0.0001	0.004	0.0002	1		M
Heptachlor	0.0001	0.004	0.0001	1		M
Heptachlor Epoxide	0.0001	0.004	0.0001	1		M
Methoxychlor	0.0002	0.02	<b>0.001</b>	1		M
Toxaphene	0.004	0.10	0.005	1		M

Surrogate	Recovery	Control Limits	Qualifier
DCBP	59	56-132	
TCMX	76	69-124	

Comments:

AFCEE  
ORGANIC ANALYSES DATA SHEET 2  
RESULTS

AFCEE QAPP  
Version 3.1  
August 2001

Analytical Method: SW8081A Preparatory Method: SW3550 AAB #: DE473

Lab Name: Columbia Analytical Services/Redding Contract #: F41624-03-D-8595

Field Sample ID: O6SFE1501REMS Lab Sample ID: DE473002REMS Matrix: Soil

% Solids: 92 Preparation Factor: 1 Initial Calibration ID: 03/10/05GCD

Date Received: 03/02/05 Date Prepared: 03/09/05 Date Analyzed: 03/11/05

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg Sample Weight: 30.01 G

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
4,4'-DDD	0.0002	0.004	0.0136	1		J
4,4'-DDE	0.0001	0.004	0.0211	1		J
4,4'-DDT	0.0001	0.004	0.0136	1		J
α-BHC	0.0001	0.004	0.0110	1		M
α-Chlordane	0.0001	0.004	0.0149	1		J
Aldrin	0.0002	0.004	0.0060	1		M
β-BHC	0.0002	0.004	0.0124	1		J
δ-BHC	0.0001	0.004	0.0247	1		M
Dieldrin	0.0002	0.004	0.0171	1		J
Endosulfan I	0.0002	0.004	0.0187	1		J
Endosulfan II	0.0002	0.004	0.0248	1		M
Endosulfan Sulfate	0.0003	0.004	0.0134	1		M
Endrin	0.0002	0.004	0.0150	1		J
Endrin Aldehyde	0.0002	0.004	0.0129	1		J
γ-BHC (Lindane)	0.0001	0.004	0.0117	1		J
γ-Chlordane	0.0001	0.004	0.0427	1		M
Heptachlor	0.0001	0.004	0.0211	1		M
Heptachlor Epoxide	0.0001	0.004	0.0363	1		M
Methoxychlor	0.0002	0.02	0.015	1		M

Surrogate	Recovery	Control Limits	Qualifier
DCBP	54	56-132	*
TCMX	71	69-124	

Comments:

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ORGANIC ANALYSES DATA SHEET 2  
RESULTS

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Version 3.1  
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Analytical Method: SW8081A Preparatory Method: SW3550 AAB #: DE473

Lab Name: Columbia Analytical Services/Redding Contract #: F41624-03-D-8595

Field Sample ID: O6SFE1501REMSD Lab Sample ID: DE473002RES Matrix: Soil

% Solids: 92 Preparation Factor: 1 Initial Calibration ID: 03/10/05GCD

Date Received: 03/02/05 Date Prepared: 03/09/05 Date Analyzed: 03/11/05

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg Sample Weight: 30.02 G

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
4,4'-DDD	0.0002	0.004	0.0151	1		
4,4'-DDE	0.0001	0.004	0.0246	1		
4,4'-DDT	0.0001	0.004	0.0141	1		
α-BHC	0.0001	0.004	0.0123	1		M
α-Chlordane	0.0001	0.004	0.0157	1		
Aldrin	0.0002	0.004	0.0056	1		M
β-BHC	0.0002	0.004	0.0130	1		
δ-BHC	0.0001	0.004	0.0205	1		M
Dieldrin	0.0002	0.004	0.0197	1		
Endosulfan I	0.0002	0.004	0.0207	1		
Endosulfan II	0.0002	0.004	0.0301	1		M
Endosulfan Sulfate	0.0003	0.004	0.0141	1		M
Endrin	0.0002	0.004	0.0165	1		
Endrin Aldehyde	0.0002	0.004	0.0136	1		
γ-BHC (Lindane)	0.0001	0.004	0.0128	1		
γ-Chlordane	0.0001	0.004	0.0517	1		M
Heptachlor	0.0001	0.004	0.0206	1		M
Heptachlor Epoxide	0.0001	0.004	0.0435	1		M
Methoxychlor	0.0002	0.02	0.014	1		M

Surrogate	Recovery	Control Limits	Qualifier
DCBP	62	56-132	
TCMX	76	69-124	

Comments:

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RESULTS

AFCEE QAPP  
Version 3.1  
August 2001

Analytical Method: SW8081A Preparatory Method: SW3550 AAB #: DE473

Lab Name: Columbia Analytical Services/Redding Contract #: F41624-03-D-8595

Field Sample ID: O6SFE2001 Lab Sample ID: DE473003 Matrix: Soil

% Solids: 96 Preparation Factor: 1 Initial Calibration ID: 03/10/05GCD

Date Received: 03/02/05 Date Prepared: 03/02/05 Date Analyzed: 03/12/05

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg Sample Weight: 30.12 G

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
4,4'-DDD	0.0002	0.004	0.0002	1		U
4,4'-DDE	0.0001	0.004	<b>0.0008</b>	1		F
4,4'-DDT	0.0001	0.004	0.0001	1		U
α-BHC	0.0001	0.004	0.0001	1		U
α-Chlordane	0.0001	0.004	0.0002	1		U
Aldrin	0.0002	0.004	<b>0.0003</b>	1		F
β-BHC	0.0002	0.004	0.0002	1		U
δ-BHC	0.0001	0.004	0.0002	1		U
Dieldrin	0.0002	0.004	0.0002	1		U
Endosulfan I	0.0002	0.004	<b>0.0016</b>	1		F
Endosulfan II	0.0002	0.004	0.0002	1		U
Endosulfan Sulfate	0.0003	0.004	0.0003	1		U
Endrin	0.0002	0.004	0.0002	1		U
Endrin Aldehyde	0.0002	0.004	0.0003	1		U
γ-BHC (Lindane)	0.0001	0.004	0.0001	1		U
γ-Chlordane	0.0001	0.004	0.0001	1		U
Heptachlor	0.0001	0.004	<b>0.0005</b>	1		F
Heptachlor Epoxide	0.0001	0.004	0.0001	1		U
Methoxychlor	0.0002	0.02	0.0002	1		U
Toxaphene	0.004	0.10	0.005	1		U

Surrogate	Recovery	Control Limits	Qualifier
DCBP	70	56-132	
TCMX	100	69-124	

Comments:

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AFCEE  
ORGANIC ANALYSES DATA SHEET 2  
RESULTS

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Analytical Method: SW8081A Preparatory Method: SW3550 AAB #: DE473

Lab Name: Columbia Analytical Services/Redding Contract #: F41624-03-D-8595

Field Sample ID: O6SFE2101 Lab Sample ID: DE473004 Matrix: Soil

% Solids: 96 Preparation Factor: 1 Initial Calibration ID: 03/10/05GCD

Date Received: 03/02/05 Date Prepared: 03/02/05 Date Analyzed: 03/12/05

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg Sample Weight: 30.15 G

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
4,4'-DDD	0.0002	0.004	0.0002	1		U
4,4'-DDE	0.0001	0.004	0.0008	1		F
4,4'-DDT	0.0001	0.004	0.0001	1		U
α-BHC	0.0001	0.004	0.0001	1		U
α-Chlordane	0.0001	0.004	0.0002	1		U
Aldrin	0.0002	0.004	0.0004	1		F
β-BHC	0.0002	0.004	0.0002	1		U
δ-BHC	0.0001	0.004	0.0002	1		U
Dieldrin	0.0002	0.004	0.0002	1		U
Endosulfan I	0.0002	0.004	0.0012	1		F
Endosulfan II	0.0002	0.004	0.0002	1		U
Endosulfan Sulfate	0.0003	0.004	0.0003	1		U
Endrin	0.0002	0.004	0.0002	1		U
Endrin Aldehyde	0.0002	0.004	0.0003	1		U
γ-BHC (Lindane)	0.0001	0.004	0.0001	1		U
γ-Chlordane	0.0001	0.004	0.0001	1		U
Heptachlor	0.0001	0.004	0.0004	1		F
Heptachlor Epoxide	0.0001	0.004	0.0001	1		U
Methoxychlor	0.0002	0.02	0.0002	1		U
Toxaphene	0.004	0.10	0.005	1		U

Surrogate	Recovery	Control Limits	Qualifier
DCBP	77	56-132	
TCMX	86	69-124	

Comments:

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AFCEE  
ORGANIC ANALYSES DATA SHEET 2  
RESULTS

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Version 3.1  
August 2001

Analytical Method: SW8081A Preparatory Method: SW3550 AAB #: DE473  
 Lab Name: Columbia Analytical Services/Redding Contract #: F41624-03-D-8595  
 Field Sample ID: O6SFE3001 Lab Sample ID: DE473005 Matrix: Soil  
 % Solids: 91 Preparation Factor: 1.1 Initial Calibration ID: 03/10/05GCD  
 Date Received: 03/02/05 Date Prepared: 03/02/05 Date Analyzed: 03/13/05  
 Concentration Units (ug/L or mg/Kg dry weight): mg/Kg Sample Weight: 30.09 G

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
4,4'-DDD	0.0002	0.004	0.0083	1	0.0029	J
4,4'-DDE	0.0001	0.004	0.0015	1		F
4,4'-DDT	0.0001	0.004	0.0002	1		U
α-BHC	0.0001	0.004	0.0001	1		U
α-Chlordane	0.0002	0.004	0.0002	1		U
Aldrin	0.0002	0.004	0.0002	1		U
β-BHC	0.0002	0.004	0.0033	1		F
δ-BHC	0.0002	0.004	0.0002	1		U
Dieldrin	0.0002	0.004	0.0002	1		U
Endosulfan I	0.0002	0.004	0.0002	1		U
Endosulfan II	0.0002	0.004	0.0002	1		U
Endosulfan Sulfate	0.0003	0.004	0.0019	1		F
Endrin	0.0002	0.004	0.0002	1		U
Endrin Aldehyde	0.0003	0.004	0.0003	1		U
γ-BHC (Lindane)	0.0002	0.004	0.0002	1		U
γ-Chlordane	0.0002	0.004	0.0002	1		U
Heptachlor	0.0001	0.004	0.0002	1		U
Heptachlor Epoxide	0.0001	0.004	0.0001	1		U
Methoxychlor	0.0002	0.02	0.001	1		F
Toxaphene	0.005	0.11	0.005	1		U

Surrogate	Recovery	Control Limits	Qualifier
DCBP	75	56-132	
TCMX	85	69-124	

Comments:

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AFCEE  
ORGANIC ANALYSES DATA SHEET 2  
RESULTS

AFCEE QAPP  
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Analytical Method: SW8081A Preparatory Method: SW3550 AAB #: DE473

Lab Name: Columbia Analytical Services/Redding Contract #: F41624-03-D-8595

Field Sample ID: O6SFE4001 Lab Sample ID: DE473006 Matrix: Soil

% Solids: 93 Preparation Factor: .99 Initial Calibration ID: 03/10/05GCD

Date Received: 03/02/05 Date Prepared: 03/02/05 Date Analyzed: 03/13/05

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg Sample Weight: 30.16 G

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
4,4'-DDD	0.0002	0.004	0.0002	1		U
4,4'-DDE	0.0001	0.004	0.0008	1		F
4,4'-DDT	0.0001	0.004	0.0001	1		U
α-BHC	0.0001	0.004	0.0001	1		U
α-Chlordane	0.0001	0.004	0.0002	1		U
Aldrin	0.0002	0.004	0.0004	1		F
β-BHC	0.0002	0.004	0.0002	1		U
δ-BHC	0.0001	0.004	0.0002	1		U
Dieldrin	0.0002	0.004	0.0002	1		U
Endosulfan I	0.0002	0.004	0.0002	1		U
Endosulfan II	0.0002	0.004	0.0002	1		U
Endosulfan Sulfate	0.0003	0.004	0.0003	1		U
Endrin	0.0002	0.004	0.0002	1		U
Endrin Aldehyde	0.0002	0.004	0.0003	1		U
γ-BHC (Lindane)	0.0001	0.004	0.0001	1		U
γ-Chlordane	0.0001	0.004	0.0004	1		F
Heptachlor	0.0001	0.004	0.0001	1		U
Heptachlor Epoxide	0.0001	0.004	0.0001	1		U
Methoxychlor	0.0002	0.02	0.0002	1		U
Toxaphene	0.004	0.10	0.005	1		U

Surrogate	Recovery	Control Limits	Qualifier
DCBP	82	56-132	
TCMX	101	69-124	

Comments:

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RESULTS

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Analytical Method: SW8081A Preparatory Method: SW3550 AAB #: DE473

Lab Name: Columbia Analytical Services/Redding Contract #: F41624-03-D-8595

Field Sample ID: O6SFE5001 Lab Sample ID: DE473007 Matrix: Soil

% Solids: 91 Preparation Factor: 1 Initial Calibration ID: 03/10/05GCD

Date Received: 03/02/05 Date Prepared: 03/02/05 Date Analyzed: 03/13/05

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg Sample Weight: 30.00 G

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
4,4'-DDD	0.0002	0.004	0.0002	1		U
4,4'-DDE	0.0001	0.004	0.0001	1		U
4,4'-DDT	0.0001	0.004	0.0001	1		U
α-BHC	0.0001	0.004	0.0001	1		U
α-Chlordane	0.0001	0.004	0.0002	1		U
Aldrin	0.0002	0.004	0.0002	1		U
β-BHC	0.0002	0.004	0.0002	1		U
δ-BHC	0.0001	0.004	0.0002	1		U
Dieldrin	0.0002	0.004	0.0002	1		U
Endosulfan I	0.0002	0.004	0.0002	1		U
Endosulfan II	0.0002	0.004	0.0002	1		U
Endosulfan Sulfate	0.0003	0.004	0.0004	1		F
Endrin	0.0002	0.004	0.0002	1		U
Endrin Aldehyde	0.0002	0.004	0.0003	1		U
γ-BHC (Lindane)	0.0001	0.004	0.0002	1		U
γ-Chlordane	0.0001	0.004	0.0002	1		U
Heptachlor	0.0001	0.004	0.0001	1		U
Heptachlor Epoxide	0.0001	0.004	0.0001	1		U
Methoxychlor	0.0002	0.02	0.0002	1		U
Toxaphene	0.004	0.10	0.005	1		U

Surrogate	Recovery	Control Limits	Qualifier
DCBP	74	56-132	
TCMX	101	69-124	

Comments:

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AFCEE  
ORGANIC ANALYSES DATA SHEET 2  
RESULTS

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Version 3.1  
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Analytical Method: SW8081A Preparatory Method: SW3550 AAB #: DE473

Lab Name: Columbia Analytical Services/Redding Contract #: F41624-03-D-8595

Field Sample ID: O6SFE6001 Lab Sample ID: DE473008 Matrix: Soil

% Solids: 92 Preparation Factor: 1 Initial Calibration ID: 03/10/05GCD

Date Received: 03/02/05 Date Prepared: 03/02/05 Date Analyzed: 03/13/05

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg Sample Weight: 30.07 G

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
4,4'-DDD	0.0002	0.004	0.0002	1		U
4,4'-DDE	0.0001	0.004	0.0001	1		U
4,4'-DDT	0.0001	0.004	0.0001	1		U
$\alpha$ -BHC	0.0001	0.004	0.0001	1		U
$\alpha$ -Chlordane	0.0001	0.004	0.0002	1		U
Aldrin	0.0002	0.004	0.0002	1		U
$\beta$ -BHC	0.0002	0.004	0.0002	1		U
$\delta$ -BHC	0.0001	0.004	0.0002	1		U
Dieldrin	0.0002	0.004	0.0002	1		U
Endosulfan I	0.0002	0.004	0.0002	1		U
Endosulfan II	0.0002	0.004	0.0002	1		U
Endosulfan Sulfate	0.0003	0.004	0.0003	1		U
Endrin	0.0002	0.004	0.0002	1		U
Endrin Aldehyde	0.0002	0.004	0.0003	1		U
$\gamma$ -BHC (Lindane)	0.0001	0.004	0.0002	1		U
$\gamma$ -Chlordane	0.0001	0.004	0.0002	1		U
Heptachlor	0.0001	0.004	0.0001	1		U
Heptachlor Epoxide	0.0001	0.004	0.0001	1		U
Methoxychlor	0.0002	0.02	0.0002	1		U
Toxaphene	0.004	0.10	0.005	1		U

Surrogate	Recovery	Control Limits	Qualifier
DCBP	95	56-132	
TCMX	95	69-124	

Comments:

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AFCEE  
ORGANIC ANALYSES DATA SHEET 2  
RESULTS

AFCEE QAPP  
Version 3.1  
August 2001

Analytical Method: SW8081A Preparatory Method: SW3550 AAB #: DE473

Lab Name: Columbia Analytical Services/Redding Contract #: F41624-03-D-8595

Field Sample ID: O6SFE7001 Lab Sample ID: DE473009 Matrix: Soil

% Solids: 75 Preparation Factor: 1 Initial Calibration ID: 03/10/05GCD

Date Received: 03/02/05 Date Prepared: 03/02/05 Date Analyzed: 03/13/05

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg Sample Weight: 30.00 G

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
4,4'-DDD	0.0018	0.040	0.0024	10		U
4,4'-DDE	0.0011	0.040	0.0015	10		U
4,4'-DDT	0.0013	0.040	0.0018	10		U
α-BHC	0.0012	0.040	0.0016	10		U
α-Chlordane	0.0014	0.040	0.0019	10		U
Aldrin	0.0020	0.040	0.0027	10		U
β-BHC	0.0020	0.040	0.0027	10		U
δ-BHC	0.0015	0.040	0.0020	10		U
Dieldrin	0.0016	0.040	0.0021	10		U
Endosulfan I	0.0016	0.040	0.0021	10		U
Endosulfan II	0.0017	0.040	0.0023	10		U
Endosulfan Sulfate	0.0026	0.040	0.0034	10		U
Endrin	0.0020	0.040	0.0026	10		U
Endrin Aldehyde	0.0025	0.040	0.0033	10		U
γ-BHC (Lindane)	0.0014	0.040	0.0019	10		U
γ-Chlordane	0.0014	0.040	0.0019	10		U
Heptachlor	0.0013	0.040	0.0018	10		U
Heptachlor Epoxide	0.0012	0.040	0.0016	10		U
Methoxychlor	0.002	0.20	0.003	10		U
Toxaphene	0.044	1.00	0.058	10		U

Surrogate	Recovery	Control Limits	Qualifier
DCBP	98	56-132	
TCMX	96	69-124	

Comments:

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AFCEE  
ORGANIC ANALYSES DATA SHEET 2  
RESULTS

AFCEE QAPP  
Version 3.1  
August 2001

Analytical Method: SW8081A Preparatory Method: SW3550 AAB #: DE473

Lab Name: Columbia Analytical Services/Redding Contract #: F41624-03-D-8595

Field Sample ID: O6SFE8001 Lab Sample ID: DE473010 Matrix: Soil

% Solids: 96 Preparation Factor: 1 Initial Calibration ID: 03/10/05GCD

Date Received: 03/02/05 Date Prepared: 03/02/05 Date Analyzed: 03/13/05

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg Sample Weight: 30.03 G

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
4,4'-DDD	0.0002	0.004	0.0002	1		U
4,4'-DDE	0.0001	0.004	0.0001	1		U
4,4'-DDT	0.0001	0.004	0.0001	1		U
$\alpha$ -BHC	0.0001	0.004	0.0001	1		U
$\alpha$ -Chlordane	0.0001	0.004	0.0002	1		U
Aldrin	0.0002	0.004	0.0002	1		U
$\beta$ -BHC	0.0002	0.004	0.0002	1		U
$\delta$ -BHC	0.0001	0.004	0.0002	1		U
Dieldrin	0.0002	0.004	0.0002	1		U
Endosulfan I	0.0002	0.004	0.0002	1		U
Endosulfan II	0.0002	0.004	0.0002	1		U
Endosulfan Sulfate	0.0003	0.004	0.0003	1		U
Endrin	0.0002	0.004	0.0002	1		U
Endrin Aldehyde	0.0002	0.004	0.0003	1		U
$\gamma$ -BHC (Lindane)	0.0001	0.004	0.0001	1		U
$\gamma$ -Chlordane	0.0001	0.004	0.0001	1		U
Heptachlor	0.0001	0.004	0.0001	1		U
Heptachlor Epoxide	0.0001	0.004	0.0001	1		U
Methoxychlor	0.0002	0.02	0.0002	1		U
Toxaphene	0.004	0.10	0.005	1		U

Surrogate	Recovery	Control Limits	Qualifier
DCBP	99	56-132	
TCMX	98	69-124	

Comments:

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**GC ORGANOCHLORINE PCBS**



**AFCEE QAPP**  
**Version 3.1**  
**August 2001**

Concentration Units (ug/L or mg/Kg dry weight):      ug/L      Sample Volume:      1.000 L

[illegible]

Surrogate	Recovery	Control Limits	Qualifier
DCBP	25	42-133	*

Comments:

***AFCEE QAPP***  
***Version 3.1***  
***August 2001***

Concentration Units (ug/L or mg/Kg dry weight): ug/L Sample Volume: 1.020 L

Surrogate	Recovery	Control Limits	Qualifier
DCBP	27	42-133	*

**AFCEE QAPP**  
**Version 3.1**  
**August 2001**

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg Sample Weight: 30.09 G

Surrogate	Recovery	Control Limits	Qualifier
DCBP	97	58-125	

39

**AFCEE QAPP**  
**Version 3.1**  
**August 2001**

Concentration Units (ug/L or mg/Kg dry weight):    mg/Kg                      Sample Weight:    30.16 G

Surrogate	Recovery	Control Limits	Qualifier
DCBP	82	58-125	

**AFCEE QAPP**  
**Version 3.1**  
**August 2001**

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg Sample Weight: 30.05 G

Surrogate	Recovery	Control Limits	Qualifier
DCBP	99	58-125	



***AFCEE QAPP***  
***Version 3.1***  
***August 2001***

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg Sample Weight: 30.12 G

Surrogate	Recovery	Control Limits	Qualifier
DCBP	88	58-125	

***AFCEE QAPP***  
***Version 3.1***  
***August 2001***

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg Sample Weight: 30.15 G

Surrogate	Recovery	Control Limits	Qualifier
DCBP	86	58-125	

***AFCEE QAPP***  
***Version 3.1***  
***August 2001***

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg Sample Weight: 30.09 G

Surrogate	Recovery	Control Limits	Qualifier
DCBP	91	58-125	

**AFCEE QAPP**  
**Version 3.1**  
**August 2001**

Concentration Units (ug/L or mg/Kg dry weight):      mg/Kg      Sample Weight:      30.16 G

Surrogate	Recovery	Control Limits	Qualifier
DCBP	92	58-125	

**AFCEE QAPP**  
**Version 3.1**  
**August 2001**

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg Sample Weight: 30.00 G

Surrogate	Recovery	Control Limits	Qualifier
DCBP	90	58-125	

**AFCEE QAPP**  
**Version 3.1**  
**August 2001**

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg Sample Weight: 30.07 G

Surrogate	Recovery	Control Limits	Qualifier
DCBP	89	58-125	

***AFCEE QAPP***  
***Version 3.1***  
***August 2001***

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg Sample Weight: 30.00 G

Surrogate	Recovery	Control Limits	Qualifier
DCBP	86	58-125	

**AFCEE QAPP**  
**Version 3.1**  
**August 2001**

Concentration Units (ug/L or mg/Kg dry weight):    mg/Kg                      Sample Weight:    30.03 G

[illegible]

Surrogate	Recovery	Control Limits	Qualifier
DCBP	86	58-125	

49

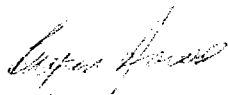


Ms. Trish Larson  
CH2M HILL/CVO  
2300 NW Walnut BLVD.  
Corvallis, OR 97330-3538

Columbia Analytical Services Report  
Air Force Plant 42  
DE050483/DE483  
902105

March 14, 2005

Submitted by:



Bryan Jones  
Project Manager/Client Services

The test results provided in this data package meet the requirements of the NELAC Standards unless noted in the case narrative report.

Enclosures

xc: RDD Data Center

Mr. James Laws

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# Current CAS Redding Accreditation Programs

## Federal and National Programs

- U.S Air Force, Air Force Center for Environmental Excellence (AFCEE)  
Approved laboratory for Wastewater and Hazardous Waste
- U.S. Army Corps of Engineers – MRD, HTRW Mandatory Center of Expertise  
Validated for Wastewater and Hazardous Waste
- Department of the Navy, Naval Facilities Engineering Service Center (NFESC)  
Approved laboratory for Wastewater and Hazardous Waste

## State and Local Programs

- State of Arizona, Department of Health Services  
Approved laboratory for Hazardous Waste  
Lab ID# AZ0604
- State of Arkansas, Department of Environmental Quality  
Approved laboratory for Wastewater and Hazardous Waste  
Lab ID# None
- State of California, Department of Health Services, National Environmental Laboratory Accreditation Program (NELAP)  
Approved laboratory for Drinking Water, Wastewater and Hazardous Waste  
Lab ID# 01105CA
  - Los Angeles County Sanitation District  
Approved laboratory for Wastewater  
Lab ID# 10243
- State of Florida, Department of Health (NELAP)  
Approved Environmental Testing Laboratory for Wastewater and Hazardous Waste  
Lab ID# E87203
- State of Kansas, Department of Health and Environment (NELAP)  
Approved laboratory for Hazardous Waste  
Lab ID# E-10323
- State of Massachusetts, Department of Environmental Protection  
Approved laboratory for Drinking Water, Wastewater  
Lab ID# M-CA025
- State of Oklahoma, Department of Environmental Quality  
Approved laboratory for General Water Quality/Sludge Testing  
Lab ID# 9952
- State of Oregon, Department of Human Resources, Health Division (ORELAP)  
Approved laboratory for Drinking Water, Wastewater, and Hazardous Waste  
Lab ID# CA200004
- State of Utah, Department of Health, Division of Laboratory Services (NELAP)  
Approved laboratory for Wastewater and Hazardous Waste  
Lab ID# QUAL1
- State of Washington, Department of Ecology, Environmental Laboratory Accreditation Program  
Approved laboratory for Wastewater and Hazardous Waste  
Lab ID# C037
- State of Wisconsin, Department of Ecology  
Approved laboratory for Wastewater and Hazardous Waste  
Lab ID# 999767340

## AFCEE Data Qualifiers

### Qualifiers

### Description

J	The analyte was positively identified, but the quantitation is an estimation.
U	The analyte was analyzed for, but not detected. The associated numerical value is at or below the <b>MDL</b> .
F	The analyte was positively identified but the associated numerical value is at or below the <b>RL</b> .
R	The data are unusable due to deficiencies in the ability to analyze the sample and meet QC criteria.
B	The analyte was found in an associated blank, as well as in the sample.
M	A matrix effect was present.
S	To be applied to all field screening data.
T	Tentatively identified compound (using GC/MS).

# Sample ID Cross-reference Table

CAS Lab Sample ID	Client Sample ID	Receive Date	Collect Date	Sample Matrix	Additional Description
FS = Field Sample; NON = Non-Sample Type (Internal Admin)					
DE483001	FS 06SFE9001	03/03/05	03/02/05 11:00	Soil	
DE483002	FS 04SFE1001	03/03/05	03/02/05 14:30	Soil	
DE483003	FS 04SFE3001	03/03/05	03/02/05 14:40	Soil	

The above lab sample ID's and cross reference information apply to samples as received by the laboratory. Modifiers to the lab sample ID may be added for internal tracking purposes. Any modified sample ID will be reflected in the appropriate case narrative only.

# CASE NARRATIVE

COLUMBIA ANALYTICAL SERVICES, INC.

Client: CH2M HILL/SCO  
Project: AF PLANT 42  
Sample Matrix: Soil

Service Request No.: DE483  
Date Received: 3/3/05

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of Columbia Analytical Services, Inc. (CAS). This report contains analytical results for samples designated for Tier III validation deliverables including summary forms. When appropriate to the method, method blank results have been reported with each analytical test.

Sample Receipt

Three soil samples were received for analysis at Columbia Analytical Services on 3/3/05. The samples were received in good condition and consistent with the accompanying chain of custody form. The samples were stored in a refrigerator at 4°C upon receipt at the laboratory.

Total Metals

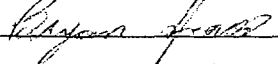
No anomalies associated with the analysis of these samples was observed.

Organochlorine Pesticides by EPA Method 8081A

No anomalies associated with the analysis of these samples was observed.

PCB Aroclors by EPA Method 8082

No anomalies associated with the analysis of these samples was observed.

Approved by: 

Date: 3-14-05

## **CHAIN OF CUSTODY DOCUMENTATION**



## CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

5090 Caterpillar Road • Redding, CA 96003 • (530) 244-5227 • 800-695-7222 x10 • FAX (530) 244-4109

PAGE 1 OF 1

CAS Contact

DE 483

[illegible]

**COOLER RECEIPT FORM**

Project/Client: AF Plant 42 / CH2M HILL Batch No.: DE 483

1. Cooler(s)/Sample(s) received on: 3/3/05 Shipped via: FV

Shipping Bill # (s): 8511 4135 2928 # of Coolers/Packages 1

2. Radiological Screening by: [Signature] Acceptable Rejected

3. Custody seals on outside of cooler: YES NO N/A

If yes, where? Front ✓ Rear ✓ Lt Side \_\_\_\_\_ Rt Side \_\_\_\_\_

Seals intact: YES NO

**COOLER/SAMPLE PROCESSING**

4. Sample Processing/Tagging by: [Signature]

5. Cooler(s)/Sample(s) Temp's: 2.0c \_\_\_\_\_

(or)

Temp. Blank (if included): \_\_\_\_\_

6. Type of packing material (circle) Ice Blue Ice Bubble Wrap Bubble Bags Zip Locks Webbing

Other: \_\_\_\_\_

7. Custody papers properly filled out (ink, signed, dated, released, etc.)? YES NO

8. Containers arrived in good condition (not broken, leaking, etc.)? YES NO

9. Samples received with adequate holding time remaining to conduct analysis? YES NO

10. Container labels complete (i.e. analysis, preservation, date/time, etc.)? YES NO

11. Container labels and tags agree with custody papers? YES NO

12. Correct types of containers used for the tests indicated? YES NO

a.) Adequate sample received? If not, note on Exception Report. YES NO

13. Containers supplied by: CAS Other

14. Preserved containers received with the appropriate preservative? YES NO N/A

pH: \_\_\_\_\_ (or) See pH log.

15. VOA vials free of air bubbles? YES NO N/A

16. Trip Blank preparation date: \_\_\_\_\_ CAS Other N/A

17. Volatile Soil samples: Encores or Plugs in Vials

Freezer or GC/MS Date: \_\_\_\_\_ Time: N/A

See Exception Report for discrepancies.

## **GC ORGANOCHLORINE PESTICIDES**



AFCEE  
ORGANIC ANALYSES DATA SHEET 2  
RESULTS

AFCEE QAPP  
Version 3.1  
August 2001

Analytical Method: SW8081A Preparatory Method: SW3550 AAB #: DE483  
Lab Name: Columbia Analytical Services/Redding Contract #: F41624-03-D-8595  
Field Sample ID: O6SFE9001 Lab Sample ID: DE483001 Matrix: Soil  
% Solids: 95 Preparation Factor: 1 Initial Calibration ID: 03/03/05GCD  
Date Received: 03/03/05 Date Prepared: 03/03/05 Date Analyzed: 03/09/05  
Concentration Units (ug/L or mg/Kg dry weight): mg/Kg Sample Weight: 30.02 G

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
4,4'-DDD	0.0002	0.004	0.0002	1		U
4,4'-DDE	0.0001	0.004	0.0001	1		U
4,4'-DDT	0.0001	0.004	0.0001	1		U
α-BHC	0.0001	0.004	0.0001	1		U
α-Chlordane	0.0001	0.004	0.0002	1		U
Aldrin	0.0002	0.004	0.0002	1		U
β-BHC	0.0002	0.004	0.0002	1		U
δ-BHC	0.0001	0.004	0.0002	1		U
Dieldrin	0.0002	0.004	0.0002	1		U
Endosulfan I	0.0002	0.004	0.0002	1		U
Endosulfan II	0.0002	0.004	0.0002	1		U
Endosulfan Sulfate	0.0003	0.004	0.0003	1		U
Endrin	0.0002	0.004	0.0002	1		U
Endrin Aldehyde	0.0002	0.004	0.0003	1		U
γ-BHC (Lindane)	0.0001	0.004	0.0001	1		U
γ-Chlordane	0.0001	0.004	0.0001	1		U
Heptachlor	0.0001	0.004	0.0001	1		U
Heptachlor Epoxide	0.0001	0.004	0.0001	1		U
Methoxychlor	0.0002	0.02	0.0002	1		U
Toxaphene	0.004	0.10	0.005	1		U

Surrogate	Recovery	Control Limits	Qualifier
DCBP	77	56-132	
TCMX	80	69-124	

Comments:

**GC ORGANOCHLORINE PCBS**



**AFCEE QAPP**  
**Version 3.1**  
**August 2001**

Concentration Units (ug/L or mg/Kg dry weight):    mg/Kg                      Sample Weight:    30.02 G

Surrogate	Recovery	Control Limits	Qualifier
DCBP	78	58-125	



Ms. Trish Larson  
CH2M HILL/CVO  
2300 NW Walnut BLVD.  
Corvallis, OR 97330-3538

Columbia Analytical Services Report  
Air Force Plant 42  
DE050499/DE499  
902105

March 18, 2005

Submitted by:



Bryan Jones  
Project Manager/Client Services

The test results provided in this data package meet the requirements of the NELAC Standards unless noted in the case narrative report.

Enclosures

xc: RDD Data Center

Mr. James Laws

This report contains a total of 20 pages.

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# Current CAS Redding Accreditation Programs

## Federal and National Programs

- U.S Air Force, Air Force Center for Environmental Excellence (AFCEE)  
Approved laboratory for Wastewater and Hazardous Waste
- U.S. Army Corps of Engineers – MRD, HTRW Mandatory Center of Expertise  
Validated for Wastewater and Hazardous Waste
- Department of the Navy, Naval Facilities Engineering Service Center (NFESC)  
Approved laboratory for Wastewater and Hazardous Waste

## State and Local Programs

- State of Arizona, Department of Health Services  
Approved laboratory for Hazardous Waste  
Lab ID# AZ0604
- State of Arkansas, Department of Environmental Quality  
Approved laboratory for Wastewater and Hazardous Waste  
Lab ID# None
- State of California, Department of Health Services, National Environmental Laboratory Accreditation Program (NELAP)  
Approved laboratory for Drinking Water, Wastewater and Hazardous Waste  
Lab ID# 01105CA
  - Los Angeles County Sanitation District  
Approved laboratory for Wastewater  
Lab ID# 10243
- State of Florida, Department of Health (NELAP)  
Approved Environmental Testing Laboratory for Wastewater and Hazardous Waste  
Lab ID# E87203
- State of Kansas, Department of Health and Environment (NELAP)  
Approved laboratory for Hazardous Waste  
Lab ID# E-10323
- State of Massachusetts, Department of Environmental Protection  
Approved laboratory for Drinking Water, Wastewater  
Lab ID# M-CA025
- State of Oklahoma, Department of Environmental Quality  
Approved laboratory for General Water Quality/Sludge Testing  
Lab ID# 9952
- State of Oregon, Department of Human Resources, Health Division (ORELAP)  
Approved laboratory for Drinking Water, Wastewater, and Hazardous Waste  
Lab ID# CA200004
- State of Utah, Department of Health, Division of Laboratory Services (NELAP)  
Approved laboratory for Wastewater and Hazardous Waste  
Lab ID# QUAL1
- State of Washington, Department of Ecology, Environmental Laboratory Accreditation Program  
Approved laboratory for Wastewater and Hazardous Waste  
Lab ID# C037
- State of Wisconsin, Department of Ecology  
Approved laboratory for Wastewater and Hazardous Waste  
Lab ID# 999767340

## AFCEE Data Qualifiers

<u>Qualifiers</u>	<u>Description</u>
J	The analyte was positively identified, but the quantitation is an estimation.
U	The analyte was analyzed for, but not detected. The associated numerical value is at or below the MDL.
F	The analyte was positively identified but the associated numerical value is at or below the RL.
R	The data are unusable due to deficiencies in the ability to analyze the sample and meet QC criteria.
B	The analyte was found in an associated blank, as well as in the sample.
M	A matrix effect was present.
S	To be applied to all field screening data.
T	Tentatively identified compound (using GC/MS).

Sample ID Cross-reference Table

CAS Lab Sample ID	Client Sample ID	Receive Date	Collect Date	Sample Matrix	Additional Description
FS = Field Sample; NON = Non-Sample Type (Internal Admin)					
DE499001	FS 06SFE7002	03/04/05	03/03/05 09:00	Soil	
DE499002	FS 06SFA1001	03/04/05	03/03/05 10:50	Soil	
DE499003	FS 06SFS1001	03/04/05	03/03/05 11:10	Soil	

The above lab sample ID's and cross reference information apply to samples as received by the laboratory. Modifiers to the lab sample ID may be added for internal tracking purposes. Any modified sample ID will be reflected in the appropriate case narrative only.

## **CASE NARRATIVE**

COLUMBIA ANALYTICAL SERVICES, INC.

Client: CH2M HILL/SCO  
Project: AF Plant 42  
Sample Matrix: Soil

Service Request No.: DE499  
Date Received: 3/4/05

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of Columbia Analytical Services, Inc. (CAS). This report contains analytical results for samples designated for Tier III validation deliverables including summary forms. When appropriate to the method, method blank results have been reported with each analytical test.

Sample Receipt

Three soil samples were received for analysis at Columbia Analytical Services on 3/4/05. The samples were received in good condition and consistent with the accompanying chain of custody form. The samples were stored in a refrigerator at 4°C upon receipt at the laboratory.

PCB Aroclors by EPA Method 8082

**Elevated Method Reporting Limits:**

Sample DE499003 required a dilution due to the presence of elevated levels of Aroclor 1248. The reporting limits are adjusted to reflect the dilution.

Polynuclear Aromatic Hydrocarbons by EPA Method 8270C

**Elevated Method Reporting Limits:**

Sample DE499002 required a dilution due to the presence of matrix interference. The reporting limits are adjusted to reflect the dilution.

The reporting limit was elevated for all analytes in all samples. The sample extracts were diluted prior to instrumental analysis due to relatively high levels of non-target background components. The extracts were highly colored and viscous, which indicated the need to perform a dilution prior to injection into the instrument.

**Surrogate Exceptions:**

The control criteria for all surrogates in sample DE499002 are not applicable. The analysis of the sample required a dilution, which resulted in surrogate concentrations below the Method Reporting Limit (MRL). No further corrective action was appropriate.

Approved by: \_\_\_\_\_

*[Signature]*

Date: \_\_\_\_\_

*3-21-05*

Organics Data Review and Narrative Worksheet

Service Request: DE499

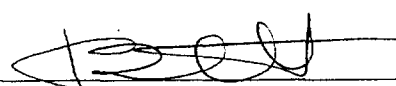
Date: March 17, 2005

Product Code: GB8082-AFCEE3.1

Matrix: Soil/Sediment

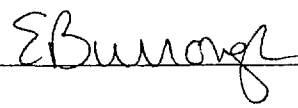
- Yes ☒ No ☐ Are all samples analyzed within hold times?
- Yes ☐ No ☐ NA ☒ Are all samples analyzed with GC/MS tune window?
- Yes ☒ No ☐ Are all calibrations within primary evaluation criteria (including RRF checks)?
- Yes ☒ No ☐ Are Second Source standards within primary evaluation criteria?
- Yes ☒ No ☐ Are CCVs within primary evaluation criteria (including RRF Checks)?
- Yes ☒ No ☐ Are method blanks for all methods <MRL or less than 5% of the sample results?
- Yes ☒ No ☐ Are all surrogate recoveries within control criteria?
- Yes ☒ No ☐ NA ☐ Are all internal standard recoveries within control criteria?
- Yes ☒ No ☐ Are all spike recoveries in MS/DMS samples within control criteria?
- Yes ☒ No ☐ Are all MS/DMS or DUP RPDs within control criteria?
- Yes ☒ No ☐ Are all LCS recoveries within control criteria?
- Yes ☒ No ☐ NA ☐ Are RPDs for LCS/DLCS within control criteria?
- Yes ☒ No ☐ Are all confirmation results within advisory limits (explain all C, P, and N Flags)?
- Yes ☐ No ☒ Have MRLs been achieved in all samples (note dilutions and matrix interferences)?
- Yes ☒ No ☐ All results over the calibration range have been reanalyzed at a dilution?
- Yes ☒ No ☐ No other discussion required (discuss X, Y, and Z flags as needed)?

For "No" responses see case narrative below.

Analyst Signature: 

Date:

3/17/05

Reviewer Signature: 

Date:

3/17/05



**Data Validation Notes and Discussion**

**Elevated Method Reporting Limits:**

Sample DE499003 required a dilution due to the presence of elevated levels of Aroclor 1248. The reporting limits are adjusted to reflect the dilution.

Organics Data Review and Narrative Worksheet

Service Request: DE499

Date: March 17, 2005

Product Code: MS8270C-SIM

Matrix: Solid

- Yes ☒ No ☐ Are all samples analyzed within hold times?
- Yes ☒ No ☐ NA ☐ Are all samples analyzed with GC/MS tune window?
- Yes ☒ No ☐ Are all calibrations within primary evaluation criteria (including RRF checks)?
- Yes ☒ No ☐ Are Second Source standards within primary evaluation criteria?
- Yes ☒ No ☐ Are CCVs within primary evaluation criteria (including RRF Checks)?
- Yes ☒ No ☐ Are method blanks for all methods <MRL or less than 5% of the sample results?
- Yes ☐ No ☒ Are all surrogate recoveries within control criteria?
- Yes ☒ No ☐ NA ☐ Are all internal standard recoveries within control criteria?
- Yes ☒ No ☐ Are all spike recoveries in MS/DMS samples within control criteria?
- Yes ☒ No ☐ Are all MS/DMS or DUP RPDs within control criteria?
- Yes ☒ No ☐ Are all LCS recoveries within control criteria?
- Yes ☐ No ☐ NA ☒ Are RPDs for LCS/DLCS within control criteria?
- Yes ☒ No ☐ Are all confirmation results within advisory limits (explain all C, P, and N Flags)?
- Yes ☐ No ☒ Have MRLs been achieved in all samples (note dilutions and matrix interferences)?
- Yes ☒ No ☐ All results over the calibration range have been reanalyzed at a dilution?
- Yes ☒ No ☐ No other discussion required (discuss X, Y, and Z flags as needed)?

For "No" responses see case narrative below.

Analyst Signature: Gina Rivera Date: 3-17-05

Reviewer Signature: Brian Giers Date: 3-17-05

**Data Validation Notes and Discussion**

**Elevated Method Reporting Limits:**

Sample DE499002 required a dilution due to the presence of matrix interference. The reporting limits are adjusted to reflect the dilution.

The reporting limit was elevated for all analytes in all samples. The sample extracts were diluted prior to instrumental analysis due to relatively high levels of non-target background components. The extracts were highly colored and viscous, which indicated the need to perform a dilution prior to injection into the instrument.

**Surrogate Exceptions:**

The control criteria for all surrogates in sample DE499002 are not applicable. The analysis of the sample required a dilution, which resulted in surrogate concentrations below the Method Reporting Limit (MRL). No further corrective action was appropriate.

## **CHAIN OF CUSTODY DOCUMENTATION**



**COOLER RECEIPT FORM**

Project/Client: AF PLANT 42 / CH2M HILL Batch No.: DE498

1. Cooler(s)/Sample(s) received on: 3/4/05 Shipped via: FV

Shipping Bill # (s): SEE DE498 # of Coolers/Packages 1

2. Radiological Screening by: [Signature] Acceptable [X] Rejected

3. Custody seals on outside of cooler:  
If yes, where? Front L Rear \_\_\_\_\_ Lt Side \_\_\_\_\_ Rt Side \_\_\_\_\_

Seals intact: YES NO

**COOLER/SAMPLE PROCESSING**

4. Sample Processing/Tagging by: [Signature]

5. Cooler(s)/Sample(s) Temp's: 2° \_\_\_\_\_

(or)

Temp. Blank (if included): \_\_\_\_\_

6. Type of packing material (circle): Ice Blue Ice Bubble Wrap Bubble Bags Zip Locks Webbing

Other: \_\_\_\_\_

7. Custody papers properly filled out (ink, signed, dated, released, etc.)? YES NO

8. Containers arrived in good condition (not broken, leaking, etc.)? YES NO

9. Samples received with adequate holding time remaining to conduct analysis? YES NO

10. Container labels complete (i.e. analysis, preservation, date/time, etc.)? YES NO

11. Container labels and tags agree with custody papers? YES NO

12. Correct types of containers used for the tests indicated? YES NO

a.) Adequate sample received? If not, note on Exception Report. YES NO

13. Containers supplied by: CAS Other

14. Preserved containers received with the appropriate preservative? YES NO N/A

pH: \_\_\_\_\_ (or) See pH log.

15. VOA vials free of air bubbles? YES NO N/A

16. Trip Blank preparation date: \_\_\_\_\_ CAS Other N/A

17. Volatile Soil samples: Encores or Plugs in Vials  
Freezer or GC/MS Date: \_\_\_\_\_ Time: N/A

See Exception Report for discrepancies.

# Analysis Change Order

Project AF PLANT 42

Batch	Samples
DE499	001

ACO ID CASD050308-1

Date 3/8/2005

Initiated by Bryan Jones

PM Bryan Jones

E-Data Req YES

Description CHANGE ID TO 06SFE7002. ADD QUICK TAT FORM I'S FOR 3/11/05.  
CLIENT REQUEST.

## Project Manager Use Only

Client Contact James Laws/SCO

Date 3/8/2005

Comments

**GC ORGANOCHLORINE PCBS**





**AFCEE QAPP**  
**Version 3.1**  
**August 2001**

Concentration Units (ug/L or mg/Kg dry weight):      mg/Kg                      Sample Weight:      30.01 G

Surrogate	Recovery	Control Limits	Qualifier
DCBP	96	58-125	

April 13, 2005

Ms. Trish Larson  
CH2M HILL/CVO  
2300 NW Walnut Blvd.  
Corvallis, OR 97330-3538

RE: Analytical Data for Air Force Plant 42  
Reference Number: DE418, DE452, DE453,  
DE473, DE483 and DE501

Dear Ms. Larson

Enclosed are amended Cross-reference pages for the above mentioned reference numbers.  
Please see the Amendment Reports for explanation.

Columbia Analytical Services appreciates your business and looks forward to serving your analytical needs again. If you should have any questions concerning the data, or if you need additional information, please call Client Services at (530) 244-5227.

Sincerely,



Bryan Jones  
Client Services/Project Manager

xc: RDD Data Center  
Mr. James Laws/SCO



## AMENDMENT REPORT

Client: CH2M HILL/SCO

Project: AF PLANT 42

Date: 4/12/2005

E-Data: NOT REQUIRED

Batch: DE473

Initiated By: Bryan Jones

Tier: 3AF3.1

Completed By: Bryan Jones

Dept: CL SERV

Approved By: Bryan Jones *ef*

REASON: Laboratory Error

CHANGE THE O TO 0 IN THE ID ON THE CROSS REFERENCE TABLE.

Sample ID Cross-reference Table

CAS Lab Sample ID	Client Sample ID	Receive Date	Collect Date	Sample Matrix	Additional Description
FS = Field Sample; MS = Matrix Spike; MSD = Matrix Spike Duplicate; NON = Non-Sample Type (Internal Admin)					
DE473001	FS 06SFE1401	03/02/05	03/01/05	13:30	Water
DE473002	FS 06SFE1501	03/02/05	03/01/05	13:40	Soil
DE473002MS	MS 06SFE1501MS	03/02/05	03/01/05	13:40	Soil
DE473002MSD	MSD 06SFE1501MSD	03/02/05	03/01/05	13:40	Soil
DE473003	FS 06SFE2001	03/02/05	03/01/05	13:45	Soil
DE473004	FS 06SFE2101	03/02/05	03/01/05	13:50	Soil
DE473005	FS 06SFE3001	03/02/05	03/01/05	14:00	Soil
DE473006	FS 06SFE4001	03/02/05	03/01/05	14:05	Soil
DE473007	FS 06SFE5001	03/02/05	03/01/05	14:10	Soil
DE473008	FS 06SFE6001	03/02/05	03/01/05	14:15	Soil
DE473009	FS 06SFE7001	03/02/05	03/01/05	14:20	Soil
DE473010	FS 06SFE8001	03/02/05	03/01/05	14:25	Soil
DE473011	FS 04SFE1401	03/02/05	03/01/05	15:10	Water
DE473014	FS 04SFE2001	03/02/05	03/01/05	14:52	Soil
DE473015	FS 04SFE2101	03/02/05	03/01/05	14:50	Soil
DE473016	FS 04SFE4001	03/02/05	03/01/05	15:01	Soil
DE473016MS	MS 04SFE4001MS	03/02/05	03/01/05	15:01	Soil
DE473016MSD	MSD 04SFE4001MSD	03/02/05	03/01/05	15:01	Soil
DE473017	FS 04SFE5001	03/02/05	03/01/05	15:03	Soil

The above lab sample ID's and cross reference information apply to samples as received by the laboratory. Modifiers to the lab sample ID may be added for internal tracking purposes. Any modified sample ID will be reflected in the appropriate case narrative only.

4/11/2005



## AMENDMENT REPORT

Client: CH2M HILL/SCO  
Project: AF PLANT 42

Date: 4/12/2005  
Batch: DE483  
Tier: 3AF3.1  
Dept: CL SERV

E-Data: NOT REQUIRED  
Initiated By: Bryan Jones  
Completed By: Bryan Jones  
Approved By: Bryan Jones *BK*

REASON: Laboratory Error

CHANGE THE O TO 0 IN THE ID ON THE CROSS REFERENCE TABLE.

# Sample ID Cross-reference Table

CAS Lab Sample ID	Client Sample ID	Receive Date	Collect Date	Sample Matrix	Additional Description
FS = Field Sample; NON = Non-Sample Type (Internal Admin)					
DE483001	FS 06SFE9001	03/03/05	03/02/05 11:00	Soil	
DE483002	FS 04SFE1001	03/03/05	03/02/05 14:30	Soil	
DE483003	FS 04SFE3001	03/03/05	03/02/05 14:40	Soil	

The above lab sample ID's and cross reference information apply to samples as received by the laboratory. Modifiers to the lab sample ID may be added for internal tracking purposes. Any modified sample ID will be reflected in the appropriate case narrative only.

RECEIVED

APPENDIX C

# Data Validation Reports

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APPENDIX

# Organochlorine Pesticides (SW8081)

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## Data Validation Report

**Project/Site Name:** Air Force Plant 42

**Sample Delivery Group (SDG):** DE473

**Parameters:** Organochlorine Pesticides

**Method:** EPA 8081

**Laboratory:** Columbia Analytical Services

**Samples:**

<u>Sample ID</u>	<u>Lab Sample ID</u>	<u>Collection Date</u>	<u>Matrix</u>
06SFE1401	DE473001	3/1/2005	Water
06SFE1401RE	DE473001RE	3/1/2005	Water
06SFE1501	DE473002	3/1/2005	Soil
06SFE1501RE	DE473002RE	3/1/2005	Soil
06SFE1501MS	DE473002MS	3/1/2005	Soil
06SFE1501MSD	DE473002MSD	3/1/2005	Soil
06SFE1501MS1	DE473002MS1	3/1/2005	Soil
06SFE1501MSD1	DE473002MSD1	3/1/2005	Soil
06SFE1501MSRE	DE473002MSRE	3/1/2005	Soil
06SFE1501MSDRE	DE473002MSDRE	3/1/2005	Soil
06SFE2001	DE473003	3/1/2005	Soil
06SFE2101	DE473004	3/1/2005	Soil
06SFE3001	DE473005	3/1/2005	Soil
06SFE4001	DE473006	3/1/2005	Soil
06SFE5001	DE473007	3/1/2005	Soil
06SFE6001	DE473008	3/1/2005	Soil
06SFE7001	DE473009	3/1/2005	Soil
06SFE8001	DE473010	3/1/2005	Soil

## **Introduction/Summary**

This data review report covers the sample delivery group and associated samples listed on the cover sheet. The analyses were per USEPA Method 8081. The quality assurance and quality control procedures (QA/QC) were per project specific sampling and analysis plan.

This review is based on the method and project approved QA/QC procedures from AFCEE QAPP Version 3.1; the following subsections correlate to the above guidelines. The sections detail noted deviations if any. Tables summarizing all data qualification flags are provided at the end of this report. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from specified protocols (P) or is of a technical advisory nature due to sample matrix (A).

Data qualifiers, if any, are summarized at the end of this report.

## **I. Holding Times**

Samples were extracted within 7 days of collection for water and 14 days of collection for soil. Analyses were performed within 40 days after extraction.

## **II. Calibration**

An initial five-point calibration was performed at the beginning of the analytical sequence.

Percent relative standard deviations (%RSD) were less than or equal to 20% for all target analytes with no individual analyte >30%.

Second-source calibration was performed once per initial calibration. All analytes were within  $\pm 15$  of the expected value.

Calibration was verified daily before sample analyses (initial calibration verification) and every 20 samples (continuing calibration verification) at the mid-level concentration with the percent difference within  $\pm 15\%$ .

## **III. Blanks**

Method blanks were performed per analytical batch as required.

The concentrations of analytes in the Method Blank were less than the reporting limits, with no detections.

One equipment blanks (EB) was sent with the samples in this SDG. The concentrations of analytes in the field blank was less than the reporting limits, with no detections reported.

## **IV. Surrogate Spikes**

Surrogate compounds were added to all laboratory QC and field samples per project specifications.

All surrogate recoveries were within project specified control limits for precision and accuracy with the following exceptions:

Sample	Surrogate	%R (limits)	Associated Analytes	Flag	A or P
06SFE1501MSRE	DCBP	54 (56-132)	All Analytes	J	A
06SFE1501MSRE1	TCMX	68 (69-124)	All Analytes	J	A
06SFE1501MSDRE1	TCMX	68 (69-124)	All Analytes	J	A

Sample	Surrogate	%R (limits)	Associated Analytes	Flag	A or P
06SFE1501	DCBP	55 (56-132)	All Analytes	J	A
	TCMX	64 (69-124)			
06SFE1501MS	DCBP	42 (56-132)	All Analytes	J	A
	TCMX	57 (69-124)			
06SFE1501MSD	DCBP	43 (56-132)	All Analytes	J	A
	TCMX	58 (69-124)			
06SFE1501MS1	DCBP	36 (56-132)	All Analytes	J	A
	TCMX	54 (69-124)			
06SFE1501MSD1	DCBP	46 (56-132)	All Analytes	J	A
	TCMX	54 (69-124)			
06SFE1401	DCBP	27 (33-135)	All Analytes	J	A
06SFE1401RE	DCBP	29 (33-135)	All Analytes	J	A

The above exceedances are expected to be due to matrix interferences since reextractions/reanalysis were performed, but produced similar results.

#### V. Matrix Spike/Matrix Spike Duplicates

One MS/MSD pair per analytical batch was analyzed with this SDG. All percent recoveries and control limits were within project specifications for precision and accuracy with the following exceptions:

Sample ID	Analyte	MS %R	MSD %R	RPD	Associated Samples	Flag	A or P
06SFE1501RE	Alpha-BHC	61 (62-125)	68 (62-125)	11 (50)	06SFE1501RE 06SFE1501REMS 06SFE1501REMSD	M	A
	Aldrin	33 (47-120)	31 (47-120)	8 (50)			
	Delta-BHC	136 (57-130)	113 (57-130)	19 (50)			
	Endosulfan II	137 (37-141)	166 (37-141)	19 (50)			
	gamma-chlordane	236 (48-124)	286 (48-124)	19 (50)			
	Heptachlor epoxide	200 (66-130)	240 (66-130)	18 (50)			

Sample ID	Analyte	MS %R	MSD %R	RPD	Associated Samples	Flag	A or P
06SFE1501	Alpha-BHC	60 (62-125)	55 (62-125)	8 (50)	06SFE1501 06SFE1501MS 06SFE1501MSD	M	A
	Aldrin	273 (47-120)	42 (47-120)	146 (50)			
	Delta-BHC	202 (57-130)	0 (57-130)	97 (50)			
	Endosulfan Sulfate	65 (62-135)	58 (62-135)	11 (50)			
	gamma-chlordane	245 (48-124)	198 (48-124)	22 (50)			
	Heptachlor	273 (51-140)	103 (51-140)	91 (50)			
	Heptachlor epoxide	250 (66-130)	141 (66-130)	56 (50)			
	Methoxychlor	59 (57-143)	53 (57-143)	11 (50)			

## VI. Laboratory Control Sample (LCS)

One laboratory control sample per analytical batch was analyzed.

All percent recoveries were within project specified control limits for precision and accuracy with the following exceptions:

LCS	Analyte	%R	Associated Samples	Flag	A or P
PWB10302 LCS	Alpha-BHC	58 (60-128)	06SFE1401	*none	
	Delta-BHC	18 (46-136)			
	Endosulfan Sulfate	50 (54-137)			
	Endrin Aldehyde	51 (56-137)			

\*Since the exceedances above may indicate a potential bias in the analytical batch, all associated field samples were re-extracted and reanalyzed within holding times. Since the data was reextracted and reanalyzed, no flags have been assigned. The LCS met control criteria for the reanalysis.

## VII. Compound Quantitation and Reporting Limits

Compound quantitation algorithm was verified to be correct.

The MDLs have been provided by the laboratory on the sample reports along with the reporting limits. The laboratory has established method detection limits (MDLs) per 40 CFR Part 136 Appendix B. The laboratory MDLs are found to be consistent with project needs.

Sample 06SFE7001 required a dilution due to the presence of the following elevated non-target analyte: Aroclor 1248. The reporting limits are adjusted to reflect the dilution.

#### **VIII. Overall Assessment**

All data were found to be acceptable per specifications as noted above under introduction/summary with the exceptions of the samples and analytes listed in the table at the end of this report, if any.

### Plant 42 Organochlorine Pesticides - Data Qualification Summary - SDG DE473

SDG	Sample	Analyte	Flag	A or P	Reason
DE473	06SFE1501MSRE 06SFE1501MSRE1 06SFE1501MSDRE1 06SFE1501 06SFE1501MS 06SFE1501MSD 06SFE1501MS1 06SFE1501MSD1 06SFE1401 06SFE1401RE	All Analytes	J	A	Surrogates
	06SFE1501RE 06SFE1501REMS 06SFE1501REMSD	Alpha-BHC Aldrin Delta-BHC Endosulfan II gamma-chlordane Heptachlor epoxide	M	A	MS/MSD
	06SFE1501 06SFE1501MS 06SFE1501MSD	Alpha-BHC Aldrin Delta-BHC Endosulfan Sulfate gamma-chlordane Heptachlor Heptachlor epoxide Methoxychlor	M	A	MS/MSD

### Plant 42 Organochlorine Pesticides - Blanks Data Qualification Summary - SDG DE473

No blank detects above the reporting limits were reported, thus meeting the QAPP specifications; however, the project team may qualify data at large for blank detects below the detection limit, if any.



## Data Validation Report

**Project/Site Name:** Air Force Plant 42  
**Sample Delivery Group (SDG):** DE483  
**Parameters:** Organochlorine Pesticides  
**Method:** EPA 8081  
**Laboratory:** Columbia Analytical Services  
**Samples:**

**Sample ID**  
06SFE9001

**Lab Sample ID**  
DE483001

**Collection Date**  
3/2/2005

**Matrix**  
Soil

## **Introduction/Summary**

This data review report covers the sample delivery group and associated samples listed on the cover sheet. The analyses were per USEPA Method 8081. The quality assurance and quality control procedures (QA/QC) were per project specific sampling and analysis plan.

This review is based on the method and project approved QA/QC procedures from AFC EE QAPP Version 3.1; the following subsections correlate to the above guidelines. The sections detail noted deviations if any. Tables summarizing all data qualification flags are provided at the end of this report. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from specified protocols (P) or is of a technical advisory nature due to sample matrix (A).

Data qualifiers, if any, are summarized at the end of this report.

## **I. Holding Times**

Samples were extracted within 7 days of collection for water and 14 days of collection for soil. Analyses were performed within 40 days after extraction.

## **II. Calibration**

An initial five-point calibration was performed at the beginning of the analytical sequence.

Percent relative standard deviations (%RSD) were less than or equal to 20% for all target analytes with no individual analyte >30%.

Second-source calibration was performed once per initial calibration. All analytes were within  $\pm 15$  of the expected value.

Calibration was verified daily before sample analyses (initial calibration verification) and every 20 samples (continuing calibration verification) at the mid-level concentration with the percent difference within  $\pm 15\%$ .

## **III. Blanks**

Method blanks were performed per analytical batch as required.

The concentrations of analytes in the Method Blank were less than the reporting limits, with no detections.

No field blanks were supplied with this SDG.

## **IV. Surrogate Spikes**

Surrogate compounds were added to all laboratory QC and field samples per project specifications.

All surrogate recoveries were within project specified control limits for precision and accuracy.

## **V. Matrix Spike/Matrix Spike Duplicates**

No MS/MSD pair was analyzed with this SDG.

## **VI. Laboratory Control Sample (LCS)**

One laboratory control sample per analytical batch was analyzed.

All percent recoveries were within project specified control limits for precision and accuracy.

## **VII. Compound Quantitation and Reporting Limits**

Compound quantitation algorithm was verified to be correct.

The MDLs have been provided by the laboratory on the sample reports along with the reporting limits. The laboratory has established method detection limits (MDLs) per 40 CFR Part 136 Appendix B. The laboratory MDLs are found to be consistent with project needs.

## **VIII. Overall Assessment**

All data were found to be acceptable per specifications as noted above under introduction/summary with the exceptions of the samples and analytes listed in the table at the end of this report, if any.

**Plant 42 Organochlorine Pesticides - Data Qualification Summary - SDG DE483**

No data has been qualified for this SDG.

**Plant 42 Organochlorine Pesticides - Blanks Data Qualification Summary – SDG DE483**

No blank detects above the reporting limits were reported, thus meeting the QAPP specifications; however, the project team may qualify data at large for blank detects below the detection limit, if any.

APPENDIX

# PCB (SW8082)

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## Data Validation Report

**Project/Site Name:** Air Force Plant 42  
**Sample Delivery Group (SDG):** DE473  
**Parameters:** Polychlorinated Biphenyls  
**Method:** EPA 8082  
**Laboratory:** Columbia Analytical Services  
**Samples:**

<u>Sample ID</u>	<u>Lab Sample ID</u>	<u>Collection Date</u>	<u>Matrix</u>
06SFE1401	DE473001	3/1/2005	Water
06SFE1401DUP	DE473001DUP	3/1/2005	Water
06SFE1501	DE473002	3/1/2005	Soil
06SFE1501MS	DE473002MS	3/1/2005	Soil
06SFE1501MSD	DE473002MSD	3/1/2005	Soil
06SFE2001	DE473003	3/1/2005	Soil
06SFE2101	DE473004	3/1/2005	Soil
06SFE3001	DE473005	3/1/2005	Soil
06SFE4001	DE473006	3/1/2005	Soil
06SFE5001	DE473007	3/1/2005	Soil
06SFE6001	DE473008	3/1/2005	Soil
06SFE7001	DE473009	3/1/2005	Soil
06SFE8001	DE473010	3/1/2005	Soil

## **Introduction/Summary**

This data review report covers the sample delivery group and associated samples listed on the cover sheet. The analyses were per USEPA Method 8082. The quality assurance and quality control procedures (QA/QC) were per project specific sampling and analysis plan.

This review is based on the method and project approved QA/QC procedures from AFCEE QAPP Version 3.1; the following subsections correlate to the above guidelines. The sections detail noted deviations if any. Tables summarizing all data qualification flags are provided at the end of this report. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from specified protocols (P) or is of a technical advisory nature due to sample matrix (A).

Data qualifiers, if any, are summarized at the end of this report.



## **I. Holding Times**

Samples were extracted within 7 days of collection for water and 14 days of collection for soil. Analyses were performed within 40 days after extraction.

## **II. Calibration**

An initial five-point calibration was performed at the beginning of the analytical sequence.

Percent relative standard deviations (%RSD) were less than or equal to 20% for all target analytes with no individual analyte >30%.

Second-source calibration was performed once per initial calibration. All analytes were within  $\pm 15$  of the expected value.

Calibration was verified daily before sample analyses (initial calibration verification) and every 20 samples (continuing calibration verification) at the mid-level concentration with the percent difference within  $\pm 15\%$ .

## **III. Blanks**

Method blanks were performed per analytical batch as required.

The concentrations of analytes in the Method Blank were less than the reporting limits, with no detections.

One equipment blanks (EB) was sent with the samples in this SDG. The concentrations of analytes in the field blank was less than the reporting limits, with no detections reported.

## **IV. Surrogate Spikes**

Surrogate compounds were added to all laboratory QC and field samples per project specifications.

All surrogate recoveries were within project specified control limits for precision and accuracy with the following exceptions:

Sample	Surrogate	%R (limits)	Associated Analytes	Flag	A or P
06SFE1401	DCBP	25 (42-133)	All Analytes	J	A
06SFE1401DUP	DCBP	27 (42-133)	All Analytes	J	A

The above exceedance is expected to be due to matrix interferences, since a re-extraction and reanalysis was performed, but produced similar results. The results of both analysis are reported. No further corrective action was required.

## V. Matrix Spike/Matrix Spike Duplicates

One MS/MSD pair per analytical batch was analyzed with this SDG. All percent recoveries and control limits were within project specifications for precision and accuracy with the following exceptions:

Sample ID	Analyte	MS %R	MSD %R	RPD	Associated Samples	Flag	A or P
06SFE1501	PCB-1016	563 (40-130)	670 (40-130)	18 (50)	06SFE1501 06SFE1501MS 06SFE1501MSD	M	A

## VI. Laboratory Control Sample (LCS)

One laboratory control sample per analytical batch was analyzed.

All percent recoveries were within project specified control limits for precision and accuracy.

## VII. Compound Quantitation and Reporting Limits

Compound quantitation algorithm was verified to be correct.

The MDLs have been provided by the laboratory on the sample reports along with the reporting limits. The laboratory has established method detection limits (MDLs) per 40 CFR Part 136 Appendix B. The laboratory MDLs are found to be consistent with project needs.

Samples 06SFE1501, 06SFE1501MS, 06SFE1501MSD, and 06SFE7001 required dilution due to the presence of elevated levels of Aroclor 1248. The reporting limits are adjusted to reflect the dilution.

## VIII. Overall Assessment

All data were found to be acceptable per specifications as noted above under introduction/summary with the exceptions of the samples and analytes listed in the table at the end of this report, if any.

**Plant 42 Polychlorinated Biphenyls - Data Qualification Summary - SDG DE473**

<b>SDG</b>	<b>Sample</b>	<b>Analyte</b>	<b>Flag</b>	<b>A or P</b>	<b>Reason</b>
DE473	06SFE1501 06SFE1501MS 06SFE1501MSD	PCB-1016	M	A	MS/MSD
	06SFE1401 06SFE1401DUP	All Analytes	J	A	Surrogates

**Plant 42 Polychlorinated Biphenyls - Blanks Data Qualification Summary - SDG DE473**

No blank detects above the reporting limits were reported, thus meeting the QAPP specifications; however, the project team may qualify data at large for blank detects below the detection limit, if any.

## Data Validation Report

**Project/Site Name:** Air Force Plant 42  
**Sample Delivery Group (SDG):** DE483  
**Parameters:** Polychlorinated Biphenyls  
**Method:** EPA 8082  
**Laboratory:** Columbia Analytical Services  
**Samples:**

**Sample ID**  
06SFE9001

**Lab Sample ID**  
DE483001

**Collection Date**  
3/2/2005

**Matrix**  
Soil

## **Introduction/Summary**

This data review report covers the sample delivery group and associated samples listed on the cover sheet. The analyses were per USEPA Method 8082. The quality assurance and quality control procedures (QA/QC) were per project specific sampling and analysis plan.

This review is based on the method and project approved QA/QC procedures from AFCEE QAPP Version 3.1; the following subsections correlate to the above guidelines. The sections detail noted deviations if any. Tables summarizing all data qualification flags are provided at the end of this report. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from specified protocols (P) or is of a technical advisory nature due to sample matrix (A).

Data qualifiers, if any, are summarized at the end of this report.

## **I. Holding Times**

Samples were extracted within 7 days of collection for water and 14 days of collection for soil. Analyses were performed within 40 days after extraction.

## **II. Calibration**

An initial five-point calibration was performed at the beginning of the analytical sequence.

Percent relative standard deviations (%RSD) were less than or equal to 20% for all target analytes with no individual analyte >30%.

Second-source calibration was performed once per initial calibration. All analytes were within  $\pm 15$  of the expected value.

Calibration was verified daily before sample analyses (initial calibration verification) and every 20 samples (continuing calibration verification) at the mid-level concentration with the percent difference within  $\pm 15\%$ .

## **III. Blanks**

Method blanks were performed per analytical batch as required.

The concentrations of analytes in the Method Blank were less than the reporting limits, with no detections.

No field blank was analyzed with this SDG.

## **IV. Surrogate Spikes**

Surrogate compounds were added to all laboratory QC and field samples per project specifications.

All surrogate recoveries were within project specified control limits for precision and accuracy.

## **V. Matrix Spike/Matrix Spike Duplicates**

No MS/MSD pair was analyzed with this SDG.

## **VI. Laboratory Control Sample (LCS)**

One laboratory control sample per analytical batch was analyzed.

All percent recoveries were within project specified control limits for precision and accuracy.

## **VII. Compound Quantitation and Reporting Limits**

Compound quantitation algorithm was verified to be correct.

The MDLs have been provided by the laboratory on the sample reports along with the reporting limits. The laboratory has established method detection limits (MDLs) per 40 CFR Part 136 Appendix B. The laboratory MDLs are found to be consistent with project needs.

## **VIII. Overall Assessment**

All data were found to be acceptable per specifications as noted above under introduction/summary with the exceptions of the samples and analytes listed in the table at the end of this report, if any.

**Plant 42 Polychlorinated Biphenyls - Data Qualification Summary - SDG DE483**

No data has been qualified for this SDG.

**Plant 42 Polychlorinated Biphenyls - Blanks Data Qualification Summary - SDG DE483**

No blank detects above the reporting limits were reported, thus meeting the QAPP specifications; however, the project team may qualify data at large for blank detects below the detection limit, if any.



## Data Validation Report

**Project/Site Name:** Air Force Plant 42  
**Sample Delivery Group (SDG):** DE499  
**Parameters:** Polychlorinated Biphenyls  
**Method:** EPA 8082  
**Laboratory:** Columbia Analytical Services  
**Samples:**

**Sample ID**  
06SFE7002

**Lab Sample ID**  
DE499001

**Collection Date**  
3/3/2005

**Matrix**  
Soil

## **Introduction/Summary**

This data review report covers the sample delivery group and associated samples listed on the cover sheet. The analyses were per USEPA Method 8082. The quality assurance and quality control procedures (QA/QC) were per project specific sampling and analysis plan.

This review is based on the method and project approved QA/QC procedures from AFCEE QAPP Version 3.1; the following subsections correlate to the above guidelines. The sections detail noted deviations if any. Tables summarizing all data qualification flags are provided at the end of this report. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from specified protocols (P) or is of a technical advisory nature due to sample matrix (A).

Data qualifiers, if any, are summarized at the end of this report.

## **I. Holding Times**

Samples were extracted within 7 days of collection for water and 14 days of collection for soil. Analyses were performed within 40 days after extraction.

## **II. Calibration**

An initial five-point calibration was performed at the beginning of the analytical sequence.

Percent relative standard deviations (%RSD) were less than or equal to 20% for all target analytes with no individual analyte >30%.

Second-source calibration was performed once per initial calibration. All analytes were within  $\pm 15$  of the expected value.

Calibration was verified daily before sample analyses (initial calibration verification) and every 20 samples (continuing calibration verification) at the mid-level concentration with the percent difference within  $\pm 15\%$ .

## **III. Blanks**

Method blanks were performed per analytical batch as required.

The concentrations of analytes in the Method Blank were less than the reporting limits, with no detections.

No field blank was analyzed with this SDG.

## **IV. Surrogate Spikes**

Surrogate compounds were added to all laboratory QC and field samples per project specifications.

All surrogate recoveries were within project specified control limits for precision and accuracy.

## **V. Matrix Spike/Matrix Spike Duplicates**

No MS/MSD pair was analyzed with this SDG.

## **VI. Laboratory Control Sample (LCS)**

One laboratory control sample per analytical batch was analyzed.

All percent recoveries were within project specified control limits for precision and accuracy.

## **VII. Compound Quantitation and Reporting Limits**

Compound quantitation algorithm was verified to be correct.

The MDLs have been provided by the laboratory on the sample reports along with the reporting limits. The laboratory has established method detection limits (MDLs) per 40 CFR Part 136 Appendix B. The laboratory MDLs are found to be consistent with project needs.

## **VIII. Overall Assessment**

All data were found to be acceptable per specifications as noted above under introduction/summary with the exceptions of the samples and analytes listed in the table at the end of this report, if any.

**Plant 42 Polychlorinated Biphenyls - Data Qualification Summary - SDG DE499**

No data has been qualified for this SDG.

**Plant 42 Polychlorinated Biphenyls - Blanks Data Qualification Summary - SDG DE499**

No blank detects above the reporting limits were reported, thus meeting the QAPP specifications; however, the project team may qualify data at large for blank detects below the detection limit, if any.

## **Appendix D**

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### **Response to Comments**

## RESPONSE TO COMMENTS

This response to comments is for the *Draft Removal Action Completion Report for IRP Site 6, Air Force Plant 42, Palmdale, California*, dated August 2005. Comments were received from Tayseer Mahmoud, Senior Hazardous Substances Engineer, Department of Toxic Substances Control (DTSC) in a letter dated October 5, 2005.

This response to comments contains a copy of the original comment correspondence from DTSC followed by the Air Force's responses.



Alan C. Lloyd, Ph.D.  
Agency Secretary  
Cal/EPA



## Department of Toxic Substances Control

5796 Corporate Avenue  
Cypress, California 90630



Arnold Schwarzenegger  
Governor

October 5, 2005

Ms. Robin Stankoff  
ASC/ENVR - Building 8  
1801 Tenth Street, Suite 2  
Wright-Patterson AFB, Ohio 45433-7626

### COMMENTS ON DRAFT REMOVAL ACTION COMPLETION REPORT FOR INTERIM REMOVAL ACTION AT INSTALLATION RESTORATION PROGRAM (IRP) SITE 6, AIR FORCE PLANT (AFP) 42, PALMDALE, CALIFORNIA

Dear Ms. Stankoff:

The Department of Toxic Substances Control (DTSC) has reviewed the above-referenced document dated August 2005, prepared by CH2M HILL on behalf of the Air Force. The report documents the removal action activities, site backfilling and restoration activities, and confirmation sampling conducted at IRP Site 6, Original Fire Training Circle at Air Force Plant 42. Approximately 1,957 tons of soil was removed from the site and disposed as California hazardous waste at the Chemical Waste Management Facility in Kettleman City, California. The excavation area measured approximately 83 feet by 67 feet and the depth of the excavation was approximately six to 13 feet below ground surface (bgs). In addition to the removal action at Site 6, an area of dried paint adjacent to the Site 6 excavation was also removed as a housekeeping measure. Approximately 18 tons of dried paint and underlying soil was removed and disposed offsite.

Prior to backfilling with clean soil and restoration of the site to its original condition, 9 confirmation soil samples and a duplicate were collected from the bottom of the excavation and side walls of the excavation to confirm that contaminated soils have been removed and that site-specific cleanup goals have been achieved. Based on the results of the confirmation sampling, the remedial action met the remediation standards specified in the approved Removal Action Workplan dated December 2004 except at one location from the excavation bottom at a depth of 10.5 feet bgs.



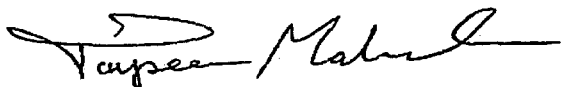
Ms. Robin Stankoff  
October 5, 2005  
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The report also identified additional areas of potential concern in the vicinity of the Site 6 excavation based on visual observations during the removal activities. The newly identified features included areas with black-stained surface soil, and several additional areas of scattered paint chips. It is not known whether these features are associated with historic fire training activities at Site 6. However, given the proximity of Site 6, additional investigation will be performed at these areas as part of a supplemental Site 6 remedial investigation.

DTSC agrees with the recommendations of the report to conduct additional investigation of the newly identified areas of potential contamination in the vicinity of Site 6. Also, since Aroclor 1248 was detected above cleanup goals at 10.5 feet bgs and the full extent of contamination is not defined, additional sampling is needed to delineate the extent of contamination where Aroclor was detected. Based on the results of the additional sampling institutional controls (ICs) may be required to prohibit excavation 10.5 feet bgs. Please submit a workplan to delineate the extent of contamination where Aroclor was detected.

If you have any questions, please call me at (714) 484-5419.

Sincerely,



Tayseer Mahmoud  
Senior Hazardous Substances Engineer  
Office of Military Facilities  
Southern California Operations Branch

cc: Mr. Juan Blanco  
AFP #42 Environmental Restoration Advisory Board Co-Chair  
38256 Hillcrest Drive  
Palmdale, California 93551

Mr. Tim Smith  
Mr. Bryant Wong  
CH2M Hill  
3 Hutton Center Drive, Suite 200  
Santa Ana, California 92707

Mr. Douglas E. Feay  
Lahontan RWQCB - Region 6  
14440 Civic Drive, Suite 200  
Victorville, California 92392-2306

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October 5, 2005  
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cc: Mr. Joe Urrutia  
HQ/AFCEE ERD  
3207 Sidney Brooks  
Brooks City-Base, Texas 78235

Mr. Rome Arengo  
Chief Engineer  
ASC Det. 1/CE  
Air Force Plant 42  
2503 East Avenue "P"  
Palmdale, California 93550-2196

Mr. Brian Davis, Ph.D.  
Human and Ecological Risk Division  
Department of Toxic Substances Control  
P.O. Box 806  
Sacramento, California 95812-0806

Mr. Ronald Okuda  
Engineering Geologist  
Department of Toxic Substances Control  
5796 Corporate Avenue  
Cypress, California 90630

## Response to Comments by Tayseer Mahmoud/DTSC

1. As stated in the comment, Aroclor 1248 was detected in one confirmation sample (collected at 10.5 feet bgs) at a concentration greater than the target cleanup goal (0.3 mg/kg) published in the Site 6 RAW. This target cleanup goal for Aroclor 1248 is based on a potential future occupational worker scenario. For the occupational scenario, a worker would only come in contact with surface soil. Because the excavation bottom sample was collected at 10.5 feet bgs, a potential future occupational worker would not come in contact with this soil.

The only type of industrial worker category that could potentially come in contact with soil as deep as 10 feet bgs is a potential future trench worker. For this worker scenario, it is assumed that a trench worker could contact soil from 0 to 10 feet bgs. Although the depth of the subject confirmation soil sample was 10.5 feet bgs, the trench worker scenario is most applicable. For a potential future trench worker scenario for the Site 6 excavation area, a target cleanup goal of 8.91 mg/kg equates to  $1 \times 10^{-6}$  ELCR.

The maximum Aroclor 1248 concentration at 10.5 feet bgs (0.948 mg/kg) is less than the trench worker cleanup level. Soil sample data for the other Site 6 removal action confirmation samples and from the RI performed at Site 6 also indicate that the extent of Aroclor 1248 is limited. Aroclor 1248 was not detected in the four other excavation bottom samples collected during the removal action. During the RI at Site 6, the maximum Aroclor 1248 concentrations were detected in the surface soil, and Aroclor 1248 was not detected in any of the four 9 feet bgs locations. Therefore, the extent of residual PCBs in soil at Site 6 is considered limited to a very small area.

Based on this information, no additional characterization of the Site 6 excavation area is needed. The Site 6 Removal Action Report has been revised to incorporate the information described above.